

EIGHTH CATALOGUE

OF THE

Arkansas Industrial University,

LOCATED AT

FAYETTEVILLE, WASHINGTON COUNTY, ARKANSAS.

FOR YEAR ENDING JUNE 10th, 1880.

AND

ANNOUNCEMENT FOR 1880-81.

—♦— ORGANIZED SEPTEMBER 18th, 1871. —♦—

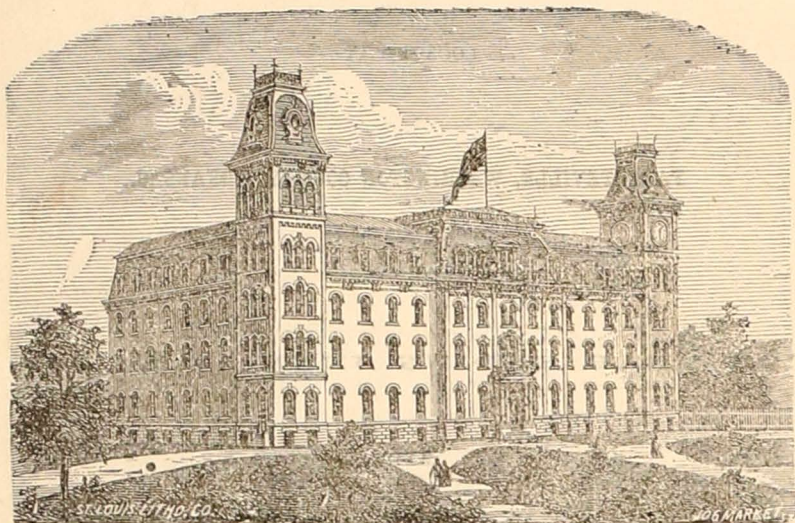
JUNE 1880.

LITTLE ROCK:
ARKANSAS DEMOCRAT PRINT.
1880.

EIGHTH CATALOGUE

ARKANSAS

INDUSTRIAL UNIVERSITY.



ANNOUNCEMENT FOR 1880-81. DIMENSIONS AND CAPACITY.

It is 214 feet long, by 122 feet wide, covering an area of 26,108 square feet. It is five-stories high, with French or Mansard roof, covered with slate and tin. The height of the building is 134 feet.

The basement story is built of stone; the foundation is bedded on solid rock. The next three stories are built of brick, and the attic of wood. The basement story is in height, 13 feet in the clear; first and second stories, 16 feet each; third and fourth, 15 feet; the clock and bell towers extending two stories above the attic.

There are ten rooms 77 by 61 feet, ten rooms 22 by 29 feet, ten rooms 22 by 28 feet, ten rooms 22 by 25 feet, ten rooms 22 by 22 feet, ten rooms 22 by 19 feet, five rooms 15 by 28 feet, four rooms 22 by 20 feet, and one room 77 by 50 feet—making a total of seventy rooms. In addition, there are four corridors 15 by 28 feet, and four corridors 14 by 210 feet.

THIS BOOK
ARKANSAS DEMOCRAT PRINT.

1880.

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HIS EXCELLENCY W. R. MILLER, L.L. D., Governor, Little Rock.
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In Attendance at Commencement, June, 1880.

REV. G. A. DANNALLY, President.....Searcy, Ark.
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COL. I. M. PATRIDGE.....Fayetteville, Ark.

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Principal of Normal Department.

C. H. LEVERETT, A. M.,
Professor of Ancient and Modern Languages, with English Literature and History.

COL. O. C. GRAY, A. M.,
Professor of Mathematics and Commandant of Cadets.

F. L. HARVEY, B. S.,
Professor of Natural Sciences and Chemistry.

S. E. HARRIS, A. B.,
Adjunct Professor of English Literature and History.

J. B. GORDON, C. E. and B. Sc. (University of Va.)
Professor of Applied Mathematics and Engineering.

C. P. CONRAD, A. M., (University of Va.)
Adjunct Professor of Natural Sciences and Chemistry.

W. D. C. BOTEFUHR,
Professor of Music—aided by competent assistants.

.....
Professor of Military Science and Tactics.

LECTURESHIP ON HYGIENE,
Under control of Washington County Medical Association.

V. L. GRAY,
Teacher of Drawing and Painting.

O. F. RUSSELL,
Principal of Preparatory Department.

H. B. EDMISTON, A. B., (University of Va.)
First Assistant Preparatory Department.

F. L. SUTTON,
Preceptress of Preparatory Department.

L. J. BLAKELEY, A. B.,
Second Assistant Preparatory Department.

MISS AGNES HARRIS, A. B.,
General Assistant Preparatory Department.

Medical Department.

(Little Rock, Ark.)

SESSION OF 1880-81

PROFESSORS.

P. O. HOOPER, M. D.,
Practice of Medicine, and President of the Faculty.

EDWIN BENTLEY, M. D.,
Institutes and Practice of Surgery.

A. L. BREYSACHER, M. D.,
Obstetrics and Diseases of Women and Children.

JAS. A. DIBRELL, JR., M. D.,
General, Descriptive, and Surgical Anatomy.

JOHN J. MCALMONT, M. D.,
Materia Medica and Therapeutics.

JAMES H. SOUTHALL, M. D.,
Institutes of Medicine.

ROSCOE G. JENNINGS, M. D.,
Clinical Surgery and Dermatology.

CLAIBOURNE WATKINS, M. D.
Medical Chemistry and Toxicology.

L. P. GIBSON, M. D.,
Demonstrator of Anatomy.

LECTURERS OF SPECIAL DEPARTMENTS.

T. E. MURRELL, M. D.,
Ophthalmology and Otology.

GEO. C. HARTT, M. D.,
Hygiene and Botany.

JAMES H. LENOW, M. D.,
Diseases of Genito-Urinary Organs.

JOHN M. PIRTLE, M. D.,
Diseases of Children.

JOHN WATERS, M. D.,
Clinical Medicine and Prosector of Anatomy.

LOUIS AUGSPATH, D. D. S.,
Oral Surgery.

John Lineham, Janitor at the College, on Second, between Main and Louisiana Sts.
All communications should be addressed to R. G. JENNINGS, M. D., Secretary of
Faculty, Little Rock, Ark.

CATALOGUE OF STUDENTS

For the Session Commencing September 1st, 1879, and
Ending June 10th, 1880.

Regular Students in the Collegiate Department are graded in General Department and Scholarship, on the scale of 100. In all the classes except the Senior, the numbers attached to the names indicate rank: No. 1, indicating first rank; No. 2, second rank, etc.

Irregulars, and those taking a Partial Course, are not graded.

The numbers on the right of the names of the Senior Class, indicate the standing in General Department and Scholarship.

ACADEMIC DEPARTMENT.

ABBREVIATIONS.

c.—Classical Course.

s.—Scientific.

i.—Irregular in the course, regular if not otherwise designated.

l.—Latin Letters.

eng.—Engineering.

SENIOR CLASS.

BACHELORS OF ARTS.

1	Kitchens, T. B.	Jonesboro, Craighead county	93.385
2	Langford, W. H.	El Dorado, Union county	93.155
3	Russell, Lawrence	Russellville, Pope county	92.040
4	Droke, G. W.	Bentonville, Benton county	91.205
5	Ross, Z. C.	Fort Smith, Sebastian county	90.235

BACHELORS OF LATIN LETTERS.

1	Johnson, T. M.	Wesley, Madison county	88.695
2	Tillman, J. N.	Fayetteville, Washington county	85.105
3	Williams, Naomi J.	Fayetteville, Washington county	82.145
4	King, Artelee Alice	Fort Smith, Sebastian county	81.870
5	Patton, Mattie J.	Viney Grove, Washington county	78.180

NOTE—Very many parents have moved to Washington county for the purpose of educating their children. This accounts for the great number of names from that county.

JUNIOR CLASS.

- 1 s. Boles, Carrie G.....Fayetteville, Washington county.
 6 c. Booth, W. P.....Vineyard, Phillips county.
 1 eng. Conner, E. H.....Augusta, Woodruff county.
 1 s. Cravens, Nannie.....Fayetteville, Washington county.
 1 i. c. Dickerson, A. P.....Fayetteville, Washington county.
 5 c. Ellis, F. W.....Fayetteville, Washington county.
 9 c. Gregg, L. W.....Fayetteville, Washington county.
 1 i. Holleman, Jessica I.....Fayetteville, Washington county.
 10 c. Jones, G.....Jacksonville, Jackson county.
 1 i. c. Massie, W. E.....Fayetteville, Washington county.
 2 c. Moore, J. I.....Vineyard, Phillips county.
 Reed, J. A.....Fayetteville, Washington county.
 4 c. Reed, Lina.....Fayetteville, Washington county.
 3 c. Reiff, O. S.....Magazine, Logan county.
 7 c. Ross, T. D.....Fort Smith, Sebastian county.
 1 c. Watson, J. J.....Fayetteville, Washington county.
 8 c. Witt, G.....Conway, Faulkner county.

SOPHOMORE CLASS.

- 7 c. Brown, W. D.....Newtonia, Newton county, Missouri.
 1 s. Boles, Minnie.....Fayetteville, Washington county.
 c. Carrigan, A. H.....Washington, Hempstead county.
 3 c. Chanslor, C. K.....Washburn, Barry county, Missouri.
 4 c. Cherry, W. R.....
 1 s. Cravens, Jessie.....Fayetteville, Washington county.
 1 c. Davis, J.....Russellville, Pope county.
 1 i. Dowdle, W. A.....Little Rock, Pulaski county.
 11 c. England, W. W.....Evansville, Washington county.
 1 i. c. Ferguson, J. D.....Mt. Adams, Arkansas county.
 1 c. Hardeman, W. O.....Little Rock, Pulaski county.
 1 i. Harris, Lula M.....Pierce City, Missouri.
 c. Herbert, R. O.....Melbourne, Izard county.
 1 i. Hester, Fannie M.....Pine Bluff, Jefferson county.
 c. Jacoway, W. D.....Dardanelle, Yell county.
 c. Lanier, J. A. M.....Mountain Home, Baxter county.
 1 i. Kelleam, W. S.....Charleston, Franklin county.
 1 i. c. King, C. M.....Fort Smith, Sebastian county.
 1 i. Kuykendall, A. R.....Gainesville, Green county.
 12 c. Madden, D. B.....Camden, Ouachita county.
 10 c. Mayes, J. F.....Fayetteville, Washington county.
 1 c. McDonough, J. B.....Charleston, Franklin county.
 9 c. McFarlane, R. W.....Enterprise, Sebastian county.
 1 i. c. McGinty, J. B.....Ashley county.
 1 i. c. Montgomery, W. P.....Pierce City, Missouri.
 5 c. Oates, T. F.....Russellville, Pope county.
 8 c. Pickel, J. W.....Pleasant Hill, Franklin county.
 1 i. Pruitt, Florence.....Russellville, Pope county.
 c. Reed, G. W. M., Jr.....Fayetteville, Washington county.
 2 i. e. Rodgers, J. T.....Randall, Dorsey county.

- c. Rogers, P. A.....Spavinaw, Benton county.
 i. c. Saunders, G. B.....Hopeville, Calhoun county.
 i. Schumaker, C. H.....Pine Bluff, Jefferson county.
 6 c. Shell, G. C.....Augusta, Woodruff county.
 i. Sorrells, T. F.....Warren, Bradley county.
 13 c. Stovall, B. L.....Jacksonville, Pulaski county.
 i. c. Williams, H. B.....Washington, Hempstead county.

FRESHMAN CLASS.

FIRST SECTION.

- 2 c. Adair, W. C.....Ash Flat, Sharp County.
 3 c. Adair, P. B.....Ash Flat, Sharp County.
 c. Albright, F. P.....Batesville, Independence County.
 Andrews, D. E.....Pine Bluff, Jefferson County.
 Atkins, Wm.....Washington, Hempstead County.
 s. Atkinson, J. G.....Star City, Lincoln County.
 Bates, Lena.....Fayetteville, Washington County.
 Botefuhr, F. S.....Fayetteville, Washington County.
 Brundage, Carrie E.....Avoca, Benton County.
 14 c. Briant, W. A.....Hope, Hempstead County.
 Buckner, Jennie C.....Fayetteville, Washington County.
 Butler, J. W.....Star City, Lincoln County.
 17 c. Campbell, B. F.....Washington County.
 Campbell, J. D.....Washington county.
 7 c. Chaney, H. D.....Arkansas Post, Arkansas County.
 10 eng. Claypool, W. M.....Bentonville, Benton county.
 Carter, M. M.....Pocahontas, Randolph county.
 Conner, T. J.....Fayetteville, Washington county.
 18 c. Cook, J. E.....Texarkana, Miller county.
 Coulter, C. B.....Locksburg, Sevier county.
 13 c. Cox, Alice.....Carlisle, Lonoke county.
 Davis, T. C.....Fort Smith, Sebastian county.
 Dean, S. C.....Wolf Creek, Pike county.
 Dickson, J. L.....Fayetteville, Washington county.
 Dickson, M. M.....Bloomfield, Benton county.
 Dunnagin, J. R.....Avoca, Benton county.
 Gladden, J. W.....Jenning's Falls, Yell county.
 Gregg, Mollie E.....Fayetteville, Washington county.
 1 c. Gorton, Lula S.....South West City, Missouri.
 8 c. Greaves, C. D.....Hot Springs, Garland county.
 Haglin, E.....Fort Smith, Sebastian county.
 5 c. Hall, E. M.....Canton, Sharp county.
 Hammock, R. M.....Monticello, Drew county.
 Harkey, Dora.....Russellville, Pope county.
 Harkey, Lillie.....Russellville, Pope county.
 15 c. Harris, B. A.....Pierce City, Missouri.
 4 c. Herren, T. J.....Sharp county.
 11 c. Hillis, E. W.....Jonesboro, Craighead county.

- 6 Hill, J. M.....Fayetteville, Washington county.
 16 eng. Hudson, Wm.....McKenzie's Landing, Jefferson county.
 Hughes, F. M.....Wesley, Madison county. 141

SECOND SECTION.

- Jarman, S. H.....Barton, Phillips county.
 Jennings, T. A.....Fayetteville, Washington county.
 Johnson, Alta.....Fort Smith, Sebastian county.
 Jones, J. A.....Barton, Phillips county.
 Jones, Mary.....Caddo Gap, Montgomery county.
 Keene, G. H.....
 Kenner, J. F.....Osage, Carroll county.
 King, Bell.....White Bluff, Jefferson county.
 Lake, Ella.....Viney Grove, Washington county.
 Lee, E. P.....Bentonville, Benton county.
 Maxwell, B. R.....DeWitt, Arkansas county.
 10 c. Maxwell, M. J.....DeWitt, Arkansas county.
 9 e. Massie, Julia J.....Fayetteville, Washington county.
 McCart, W. W.....Fayetteville, Washington county.
 McWhorter, L. C.....Ozark, Franklin county.
 8 c. Murdock, Annie M.....Poinsett county.
 Nevill, C. E.....Pine Bluff, Jefferson county.
 Nelson, J. S.....Forest Hill, Montgomery county.
 1 s. Olive, J. G.....Marr's Hill, Lafayette county.
 O'Neill, E. V.....Gibson, Gibson county, Texas.
 O'Neill, L. Annie.....Gibson, Gibson county, Texas.
 O'Neill, M. M.....Gibson, Gibson county, Texas.
 7 c. Pape, W. B.....Fort Smith, Sebastian county.
 Pearce, May.....Osage Mills, Benton county.
 Rainwater, Paralee.....Fayetteville, Washington county.
 Reiff, Emma B.....Fayetteville, Washington county.
 6 c. Reinach, J. L.....Pine Bluff, Jefferson county.
 Robins, S. M.....Washington, Hempstead county.
 Rowe, R. A.....Greenwood, Sebastian county.
 4 c. Sanders, Cener C.....Huntsville, Madison county.
 Sanders, N. L.....Huntsville, Madison county.
 Scott, Berma.....Fort Smith, Sebastian county.
 Sliger, L. B.....Helena, Phillips county.
 Smith, M. C.....Farmerville, Lincoln Parish, Louisiana.
 1 c. Stroup, H.....Webb City, Franklin county.
 Shugart, L. O.....Princeton, Dallas county.
 Taliaferro, Lou.....Bentonville, Benton county.
 Thompson, Nellie.....White Bluff, Jefferson county.
 11 c. Tillis, C. A.....Fort Smith, Sebastian county.
 Tucker, J. L.....Russellville, Pope county.
 3 c. VanWinkle, J. D.....War Eagle Mills, Benton county.
 5 c. VanWinkle, R. E. Lee.....War Eagle Mills, Benton county.
 Walker, B. F.....Clarendon, Monroe county.
 1 eng. Wallis, W. C.....Hope, Hempstead county.
 Walters, J. J.....Como, Dorsey county.
 2 c. Wells, H.....Monticello, Drew county.
 Wright, O. M.....
 Yancey, J. G.....Maysville, Benton county.

SUMMARY.

States represented, 13, viz:

Arizona.....	1	Mississippi.....	1
Arkansas.....	411	Kansas.....	1
Louisiana.....	10	Indiana.....	1
Missouri.....	9	Georgia.....	1
Texas.....	6	Colorado.....	1
Indian Territory.....	5	Illinois.....	1
Virginia.....	2		
Kentucky.....	2	Total.....	450

161
289

PREPARATORY DEPARTMENT.

SUB-FRESH. CLASS.

Abercrombie, G. W.....	Sulphur Springs, Benton County.
Anderson, L. S.....	Herndon, Craighead County.
Andrews, C. A.....	Pine Bluff, Jefferson County.
Andrews, D. E.....	Pine Bluff, Jefferson County.
Arnett, Addie.....	Carter's Store, Washington County.
Asher, A. J.....	Alexandria, Arizona.
Barnett, S. W.....	Fayetteville, Washington County.
Benbrook, Clemmie.....	Fayetteville, Washington County.
Berry, J. C.....	Yellville, Marion County.
Black, Cora.....	Fayetteville, Washington County.
Brickell, C. W.....	Poplar Grove, Phillips County.
Brown, B. M.....	Hope, Hempstead County.
Bruce, C. R.....	Batesville, Independence County.
Burke, R. C.....	LaGrange, Phillips County.
Burks, C. G.....	Monticello, Drew County.
Carden, F. M. L.....	Fayetteville, Washington County.
Carson, C. N.....	Jonesboro, Craighead County.
Chasteen, E. T.....	Dickson's Cross Roads, Louisiana.
Chasteen, T. F.....	Dickson's Cross Roads, Louisiana.
Claypool, W. M.....	Bentonville, Benton County.
Clayton, G. R.....	Selma, Drew County.
Cook, J. E.....	Texarkana, Miller County.
Crockett, W. B.....	Forrest City, St. Francis County.
Daugherty, F. T.....	Harrison, Boone County.
Driver, R. F.....	Osceola, Mississippi County.
Driver, J. L.....	Osceola, Mississippi County.
Duncan, W. H.....	Conway, Faulkner County.
Fortner, W. R.....	Dutch Mills, Washington County.

Garretson, J. M.	Cotton Plant, Monroe County.
Garrett, Martha	Fayetteville, Washington County.
Gates, D. A.	Selma, Drew County.
Gill, H. R.	Morrilton, Conway County.
Goodwin, W. P.	El Dorado, Union County.
Greaves, C. D.	Hot Springs, Garland County.
Green, B. W.	Barton Station, Phillips County.
Gregg, W. A.	Fayetteville, Washington County.
Handley, Tennie	Fayetteville, Washington County.
Harris, L. R.	Red Bluff, Saline County.
Harris, Laura	Red Bluff, Jefferson County.
Haskell, A. W.	Pastoria, Jefferson County.
Hawkins, C. E.	Springfield, Conway County.
Hawkins, T. J.	Prescott, Nevada County.
Hively, J. S.	Pineville, Izard County.
Hively, M. J.	Pineville, Izard County.
Hobbs, J. F.	Little Rock, Pulaski County.
Hogan, M. L.	Jacksonville, Pulaski County.
Hon, J. M.	Waldron, Scott County.
Howard, E. J.	Marianna, Lee County.
Hughes, J. J.	Forrest City, St. Francis County.
Hunt, Nora	Fayetteville, Washington County.
Hunt, Josie	Fayetteville, Washington County.
Jennings, Lily	Fayetteville, Washington County.
Kersey, J. C.	Trenton, Phillips County.
Kindley, A. E.	Bentonville, Benton County.
King, N. A.	Fort Smith, Sebastian County.
Knight, Carrie	Carlisle, Lonoke County.
Lee, J. L.	Bentonville, Benton County.
Leverett, Julia	Fayetteville, Washington County.
Lockhart, Fannie	Huntsville, Madison County.
Maguire, Nannie	Maguire's Store, Washington County.
Mansfield, G. A.	Ozark, Franklin County.
Maxwell, R. S.	Bentonville, Benton County.
Mayes, Nora	Fayetteville, Washington County.
McChesney, J. M.	Batesville, Independence County.
McCrory, A. M.	Mineral Springs, Howard County.
McCulloch, R. B.	Conway, Faulkner County.
McWhorter, L. C.	Ozark, Franklin County.
Moore, N. B.	Springfield, Conway County.
Morrow, Hucie	Boonesboro, Washington County.
Nelson, W. P.	Helena, Phillips County.
Nevill, Jennie	Pine Bluff, Jefferson County.
Noe, Minnie	Fayetteville, Washington County.
Parke, W. H.	Tomlinson, Scott County.
Parrish, W. B.	Polk Bayou, Sharp County.
Peel, Mittie	Bentonville, Benton County.
Pennington, J. P.	Jacksonville, Pulaski County.
Prince, Belle	Fayetteville, Washington County.
Rainwater, Clemmie	Fayetteville, Washington County.
Reed, J. A.	Farmington, Washington County.
Rigney, B. M.	Marianna, Lee County.
Robins, S. M.	Washington, Hempstead County.

Robinson, G. W.	Little Rock, Pulaski County.
Rutland, E. G.	Little Rock, Pulaski County.
Sewell, Pink.	Roseville, Logan County.
Sellers, J. F.	North Creek, Phillips County.
Shugart, W. H.	Princeton, Dallas County.
Simonds, Hattie.	Little Rock, Pulaski County.
Smith, M. C.	Farmerville, Louisiana.
Smith, J. F.	Searcy, White County.
Stanley, J. M.	Selma, Drew County.
Sutton, Mary	Fayetteville, Washington County.
Swalm, W. G.	Lonoke, Lonoke County.
Terry, B. F.	Hamburg, Ashley County.
Turpin, T. C.	Mt. Vernon, Faulkner County.
Walker, B. F.	Clarendon, Monroe County.
Williams, W. G.	Trenton, Phillips County.
Woolverton, C. H.	Center Ridge, Conway County.
Total, 97.	

A. CLASS.

Adkisson, Thomas	Mt. Vernon, Faulkner County.
Albright, S. K.	Fayetteville, Washington County.
Bennett, D. D.	Holly Grove, Monroe County.
Berry, A. W.	Ozark, Franklin County.
Berry, W. T.	Ozark, Franklin County.
Black, J. S.	Bentonville, Benton County.
Botefuhr, Lillie,	Fayetteville, Washington County.
Brown, B. M.	Hope, Hempstead County.
Burks, C. G.	Monticello, Drew County.
Butterfield, Ella.	Hot Springs, Garland County.
Carden, F. M. L.	Fayetteville, Washington County.
Cardwell, Nora	Fayetteville, Washington County.
Cason, J. M.	Locust Cottage, Jefferson County.
Chandler, Eva.	El Dorado, Union County.
Chastain, W. E.	Bentonville, Benton County.
Chasteen, T. F.	Dickson's Cross Roads, Louisiana.
Chasteen, J. W.	Dickson's Cross Roads, Louisiana.
Chasteen, Robert.	Dickson's Cross Roads, Louisiana.
Claypool, W. M.	Bentonville, Benton County.
Clayton, G. R.	Selma, Drew County.
Cline, Charlotte.	Fayetteville, Washington County.
Cobb, C. W.	Fayetteville, Washington County.
Core, Sue	Plum Bayou, Jefferson County.
Cravens, Lelia.	Fayetteville, Washington County.
Crosnoe, G. W.	Hope, Hempstead County.
Crouch, Dora	Fayetteville, Washington County.
Crow, Z.	Canon City, Colorado.
Culberhouse, R. S.	Jonesboro, Craighead County.
Davey, Rosa.	Fayetteville, Washington County.
Davidson, T. J.	St. Charles, Arkansas County.

Davis, H. J.	Hot Springs, Garland County.
Davis, Richard	Forrest City, St. Francis County.
Dean, W. T.	Newport, Jackson County.
Dial, Margie	Holly Grove, Monroe County,
Dinsmore, Annie	Bentonville, Benton County.
Dishongh, J. B.	Selma, Drew County.
Dougherty, H. R.	White Bluffs, Jefferson County.
Driver, J. L.	Osceola, Mississippi County.
Edwards, J. C.	Texarkana, Miller County.
Ellis, U. Z.	Fayetteville, Washington County.
Erwin, H. E.	Russellville, Pope County.
Farmer, J. D.	Patterson's Bluff, Logan County,
Ford, W. G.	Marianna, Lee County.
Fuller, J. S.	Tomlinson, Scott County.
Garner, W. R.	Ozark, Franklin County.
Gates, D. A.	Selma, Drew County.
Gilmore, C. C.	Carthage, Missouri.
Gill, H. R.	Morrilton, Conway County.
Goodwin, W. P.	El Dorado, Union County.
Goodwin, J. M.	El Dorado, Union County.
Gray, Carl.	Fayetteville, Washington County.
Hall, E. J.	Canton, Sharp County.
Hanley, A. J.	Fayetteville, Washington County.
Hansard, Dora	Verona, Missouri.
Hart, D. G.	Yellville, Marion County.
Hatchett, D. E.	Dardanelle, Yell County.
Hill, W. B.	Lee's Creek, Crawford County.
Hively, G. T.	Pineville, Izard County.
Hobbs, J. F.	Little Rock, Pulaski County.
Hobson, Hattie.	Hot Springs, Garland County.
Horn, F. A.	Mountain Home, Baxter County.
Huchingson, J. L.	Palarm, Pulaski County.
Hughes, J. J.	Forrest City, St. Francis County.
Hunt, Nora	Fayetteville, Washington County.
Hunt, Josie	Fayetteville, Washington County.
Jackson, Alice	Fayetteville, Washington County.
Jeffries, T. E.	De View, Woodruff County.
Jelks, Claudia	Augusta, Woodruff County.
Jelks, Bettie	Augusta, Woodruff County.
Johnson, G. W.	Mountain View, Stone County.
Johnson, B. W.	Camden, Ouachita County.
Jones, W. M.	Beebe, White County.
Kenner, Bettie	Osage, Carroll County.
Kenner, Dorcas	Osage, Carroll County.
Kimbell, T. F.	Hot Springs, Garland County.
King, J. H.	Amity, Clark County.
Ledbetter, Lillie	Van Buren, Crawford County.
Lenox, H. F.	Pendleton, Lincoln County.
Leverett, F. P.	Fayetteville, Washington County.
Lowry, R. B.	Helena, Phillips County.
Maddox, S. B.	Mt. Vernon, Faulkner County.
Maxwell, T. J.	Bentonville, Benton County.
Mayes, Sallie	Fayetteville, Washington County.

McChesney, J. M.	Batesville, Independence County.
McColloch, C. H.	Hot Springs, Garland County.
McCulloch, R. B.	Conway, Faulkner County.
McDaniel, L. O.	Millbrook, St. Francis County.
McDaniel, S. T.	Millbrook, St. Francis County.
McIlroy, J. D.	Ozark, Franklin County.
Mitchell, J. T.	Nashville, Howard County.
Moore, R. R.	Ozark, Franklin County.
Myrick, Walter	Helena, Phillips County.
Nixon, R. C.	Fayetteville, Washington County.
Nixon, Ismene	Fayetteville, Washington County.
Notrebe, E. P.	Auburn, Lincoln County.
Olmstead, F. G.	Jacksonville, Pulaski County.
Paddock, Grace	Fayetteville, Washington County.
Paschal, J. F.	Calhoun, Columbia County.
Pearce, B. S.	Magnolia, Columbia County.
Peel, Mittie	Bentonville, Benton County.
Phagan, J. C.	Bloomfield, Benton County.
Pinkston, P. W.	Forrest City, St. Francis County.
Pollard, W. S.	Fayetteville, Washington County.
Polson, Mary	S. W. City, Missouri.
Ragon, J. D.	Morrison's Bluff, Logan County.
Ralph, S. H.	Collinsburg, Louisiana.
Refeld, L. L.	Arkansas Post, Arkansas County.
Reynolds, Virginia	Fayetteville, Washington County.
Rice, S. J.	Wewoka, Indian Territory.
Rice, R. P.	Helena, Phillips County.
Richardson, R. M.	Charleston, Franklin County.
Rigney, B. M.	Marianna, Lee County.
Roberts, C. E.	Ozark, Franklin County.
Robinson, W. P.	Bentonville, Benton County.
Robinson, T. W. S.	Lisbon, Union County.
Russell, Mary V.	Ozark, Franklin County.
Rutherford, J. F.	Billingsley, Washington County.
Rutland, R. F.	Little Rock, Pulaski County.
Sanders, A. B.	Fayetteville, Washington County.
Scott, J. J.	Hot Springs, Garland County.
Seawel, L. L.	Yellville, Marion County.
Sewell, Pink	Fayetteville, Washington County.
Shelton, J. T.	Cotton Plant, Woodruff County.
Shipley, T. W.	Cedarville, Crawford County.
Shugart, W. H.	Princeton, Dallas County.
Skelton, Thaddeus	Fayetteville, Washington County.
Smith, J. F.	Searcy, White County.
Stanley, J. M.	Selma, Drew County.
Stayton, D. H., Jr.	Marianna, Lee County.
Stone, J. D.	Bentonville, Benton County.
Stone, A. B.	Fayetteville, Washington County.
Stovall, Myrtle	Jacksonville, Pulaski County.
Sypert, R. T.	Nashville, Howard County.
Terry, B. F.	Hamburg, Ashley County.
Thompson, F. M.	Hope, Hempstead County.
Trimble, C. H.	Seymour, Indiana.

Turnham, H. H.....	Chocoville, Sebastian County.
Tunstall, J. A.....	Fayetteville, Washington County.
Ware, G. W.....	Spavinaw, Benton County.
Winn, E. W.....	Hope, Hempstead County.
Wilkinson, H. D.....	Military Grove, Sebastian County.
Williams, G. D.....	Lewisburg, Conway County.
Williams, W. B.....	Webb City, Franklin County.
Woolverton, C. D.....	Center Grove, Conway County.
Yarber, G. P.....	Fort Smith, Sebastian County.
Young, J. S.....	Tulip, Dallas County.
Total, 146.	

B. CLASS.

Blake, C. M.....	Bell's Store, Nevada county.
Boone, E. D.....	Little Rock, Pulaski county.
Briggs, S. R.....	Center Point, Howard county.
Brown, W. W.....	Coal Hill, Johnson county.
Buckner, G. F.....	Hopkinsville, Kentucky.
Chastain, W. E.....	Bentonville, Benton county.
Cobb, C. W.....	Fayetteville, Washington county.
Copeland, Wm.....	Fayetteville, Washington county.
Davis, H. J.....	Hot Springs, Garland county.
Davis, Richard.....	Forrest City, St. Francis county.
Dial, D. M.....	Holly Grove, Monroe county.
Dial, Margie.....	Holly Grove, Monroe county.
Dishongh, J. B.....	Selma, Drew county.
Dishongh, W. R.....	Selma, Drew County.
Dowell, H. J.....	Fayetteville, Washington county.
Dupuy, J. L.....	Askew's, Lee county.
Ford, W. G.....	Marianna, Lee county.
Foreman, J. J.....	Marianna, Lee county.
Gardner, J. P.....	Wittsburg, Cross county.
Gill, H. R.....	Morrilton, Conway county.
Goodwin, J. M.....	El Dorado, Union county.
Goodwyn, E. E.....	Wallaceburg, Hempstead county.
Hatchett, D. E.....	Dardanelle, Yell county.
Hauptman, W. D.....	Fayetteville, Washington county.
Henderson, W. A.....	Webb City, Franklin county.
Hicks, Edward.....	Tahlequah, Indian Territory.
Holmes, J. T.....	Nimrod, Perry county.
Holmes, J. L.....	Nimrod, Perry county.
Horn, F. A.....	Mountain Home, Baxter county.
Huchingson, J. L.....	Palarm, Pulaski county.
Hutton, H. N.....	Marianna, Lee county.
Jackson, Henry.....	Fayetteville, Washington county.
Jagers, A. B.....	Relf's Bluff, Lincoln county.
Johnson, C. M.....	Locksburg, Sevier county.
Kennon, Hattie.....	Drake's Mill, Madison county.

Kennan, Annie.....	Boonesboro, Washington county.
King, Ella.....	Fort Smith, Sebastian county.
Ledbetter, Lillie.....	Van Buren, Crawford county.
Leverett, Mary.....	Fayetteville, Washington county.
Lewellen, W. M.....	Wittsburg, Cross county.
Lewis, Fletcher.....	Augusta, Woodruff county.
Lipe, J. G.....	Claremore, Indian Territory.
Lynch, H. D.....	Evening Shade, Sharp county.
Mallory, F. R.....	Newport, Jackson county.
McAdams, F. W.....	Searcy, White county.
McClendon, Wm.....	Marr's Hill, Lafayette county.
Mitchell, J. T.....	Nashville, Howard county.
Mulholland, Sarah.....	Pine Bluff, Jefferson county.
Nixon, Ismene.....	Fayetteville, Washington county.
Notrebe, E. P.....	Auburn, Lincoln county.
Parker, G. C.....	Danville, Yell county.
Perry, T. C.....	Van Buren, Crawford county.
Pope, M. E.....	Little Rock, Pulaski county.
Ragon, J. D.....	Morrison's Bluff, Logan county.
Richmond, Fannie.....	Fayetteville, Washington county.
Robinson, T. W. S.....	Lisbon, Union county.
Sanders, A. B.....	Huntsville, Madison county.
Scott, J. P.....	Fayetteville, Washington county.
Shelton, J. F.....	Cotton Plant, Woodruff county.
Simmons, T. J.....	Osage Mills, Benton county.
Stone, J. D.....	Bentonville, Benton county.
Stone, A. B.....	Fayetteville, Washington county.
Sutton, Henry.....	Fayetteville, Washington county.
Sypert, R. T.....	Nashville, Howard county.
Thomas, C. W.....	Princeton, Dallas county.
Vaughn, J. C.....	Fayetteville, Washington county.
Walker, J. W.....	Fayetteville, Washington county.
Ward, W. H.....	Prairie View, Logan county.
Whitley, Annie.....	Duncan, Monroe county.
Wilson, T. E.....	Oronoga, Missouri.
Wise, S. L.....	Fulton, Hempstead county.
Womack, J. M.....	Nashville, Howard county.
Yarber, G. P.....	Fort Smith, Sebastian county.
Young, J. S.....	Tulip, Dallas county.

Total, 74.

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C. CLASS.

Blake, C. M.....	Bell's Store, Nevada county.
Brown, J. P.....	Indianapolis, Indiana.
Bryan, Joel.....	Pine Bluff, Jefferson county.
Chasteen, James.....	Dixon's Cross Roads, Louisiana.
Chasteen, Charles.....	Dixon's Cross Roads, Louisiana.
Davis, H. J.....	Hot Springs, Garland county.
Davis, J. H.....	Hot Springs, Garland county.

Dowell, H. J.	Fayetteville, Washington county.
Dupuy, J. L.	Askew's, Lee county.
Ferguson, C. D.	Hot Springs, Garland county.
Ford, W. G.	Marianna, Lee county.
Galley, E. L.	Wittsburg, Cross county.
Giles, J. J.	Little Rock, Pulaski county.
Gregg, H. L.	Fayetteville, Washington county.
Hatchett, D. E.	Dardanelle, Yell county.
Henderson, W. A.	Webb City, Franklin county.
Hoge, Helen.	Bentonville, Benton county.
Holmes, J. L.	Nimrod, Perry county.
Hutton, H. N.	Marianna, Lee county.
Johnson, C. M.	Locksburg, Sevier county.
Kemp, Elzira.	Fayetteville, Washington county.
Kennan, Annie	Boonesboro, Washington county.
Kenner, W. W.	Osage, Carroll county.
Kidd, E. H.	Fayetteville, Washington county.
Lane, J. P.	Dallas, Polk county.
Lane, D. G.	Dallas, Polk county.
Ledbetter, Lillie	Van Buren, Crawford county.
Lewis, Fletcher.	Augusta, Woodruff county.
Lewis, Eleanor.	Augusta, Woodruff county.
Miller, Annie	Dixon's Cross Roads, Louisiana.
Mixon, H. O.	Key, Lee county.
Perry, T. C.	Van Buren, Crawford county.
Peterson, J. A.	Whitesboro, Texas.
Polson, Alice	S. W. City, Missouri.
Porter, Mamie	Jacksonport, Jackson county.
Ragon, J. D.	Morrison's Bluff, Logan county.
Reynolds, Lula	Fayetteville, Washington county.
Sanger, W. H.	Ocmulgee, Indian Territory.
Sanger, F. M.	Ocmulgee, Indian Territory.
Scott, J. P.	Fayetteville, Washington county.
Southerland, Jennie	Hot Springs, Garland county.
Tillman, S. J.	Fayetteville, Washington county.
Walker, John	Fayetteville, Washington county.
Williams, W. M.	Fayetteville, Washington county.
Wise, S. L.	Fulton, Hempstead county.
Woodard, J. W.	Danville, Yell county.
Total, 46.	

IRREGULARS.

Dean, S. C.	Wolf Creek, Pike county.
Dickson, M. M.	Bloomfield, Benton county.
Dickson, J. L.	Fayetteville, Washington county.
Gladden, J. W.	Jenning's Falls, Yell county.
Jarman, S. H.	Barton Station, Phillips county.
Jones, Mary	Caddo Gap, Montgomery county.
Jones, J. A.	Barton Station, Phillips county.
King, Belle	Jefferson county.

Gates H. H.

Fayetteville Ark.

King, C. M.....	Fort Smith, Sebastian county.
Maxwell, B. R.....	DeWitt, Arkansas county.
O'Neill, E. V.....	Grape Vine, Tarrant county, Texas.
O'Neill, L. A.....	Grape Vine, Tarrant county, Texas.
Rowe, R. A.....	Greenwood, Sebastian county.
Sanders, N. L.....	Huntsville, Madison county.
Sanders, G. B.....	Hopeville, Calhoun county.
Sliger, L. P.....	Helena, Phillips county.
Taliaferro, Lou E.....	Bentonville, Benton county.
Walters, J. J.....	Mount Vernon, Faulkner county.
Total, 18.	

UNCLASSIFIED.

Bickerstaff, R.....	Moro, Lee county.
Hash, J. L.....	Drake's Creek, Madison county.
Nelson, A. B.....	Relf's Bluff, Lincoln county.
Total, 3.	

MILITARY.

Instruction in this department is designed to impart to each male student, not physically incapacitated to bear arms, practical instruction in the school of the soldier, of the company, and the battalion; the duties of guards, outposts and pickets.

The drills occur not over three times a week, and, being short, they involve no hardship, while it is manifest that they afford a good health-giving exercise and aid in the development of the physique and manly carriage of the cadet. The entire body of male students is divided into companies which are officered by cadets selected for proficiency in drill, good deportment and scholarship. Cadet officers are regarded as assistants in the enforcement of discipline, and their orders, while on duty, are considered as duly authorized and must be obeyed accordingly.

Cadet officers are expected and required to set examples of military deportment and general good conduct.

A neat suit of gray jeans with brass buttons, black trimmings, will be required to be worn by all males.

ROSTER OF BATTALION A. I. U. CADETS.

COL. O. C. GRAY, COMMANDANT.

STAFF OFFICERS.

W. H. LANGFORD, *First Lieutenant and Adjutant.*E. P. LEE, *Second Lieutenant and Acting Quartermaster.*J. B. McDONOUGH, *Sergeant-Major.*J. W. PICKEL, *Color Sergeant.*

LINE OFFICERS.

"A" Company.

Z. C. ROSS, *Captain.*T. B. KITCHENS, *First Lieutenant.*J. A. REED, *Second Lieutenant.*F. W. ELLIS, *First Sergeant.*B. L. STOVALL, *Second Sergeant.*G. C. SHELL, *Third Sergeant.*J. I. MOORE, *Fourth Sergeant.*J. A. M. LANIER, *Fifth Sergeant.*

"B" Company.

L. RUSSELL, *Captain.*T. D. ROSS, *First Lieutenant.*O. S. REIFF, *Second Lieutenant.*J. J. WATSON, *First Sergeant.*W. D. BROWN, *Second Sergeant.*A. P. DICKERSON, *Third Sergeant.*T. F. OATES, *Fourth Sergeant.*F. M. HUGHES, *Fifth Sergeant.*

"C" Company.

J. N. TILLMAN, *Captain.*L. W. GREGG, *First Lieutenant.*G. WITT, *Second Lieutenant.*

W. D. JACOWAY, *First Sergeant.*

G. JONES, *Second Sergeant.*

C. W. KING, *Third Sergeant.*

A. H. CARRIGAN, *Fourth Sergeant.*

J. T. HICKS, *Fifth Sergeant.*

A. I. U. Band.

W. E. MASSIE, *First Leader and Instructor.*

F. T. DAUGHERTY, *Second Leader.*

W. A. BRIANT, *First B Flat.*

W. HUDSON, *Second B Flat.*

R. E. L. VANWINKLE, *First Alto.*

C. K. CHANSLOR, *Second Alto.*

C. D. GREAVES, *First Tenor.*

B. M. BROWN, *Second Tenor.*

J. L. REINACH, *Baritone.*

H. STROUP, *Tuba.*

H. WELLS, *Bass Drum.*

F. BOTEFUHR, *Snare Drum.*

DEPARTMENT OF MUSIC.

PIANO.

Arnett, Addie.....	Washington county.
Bates, Lena.....	Fayetteville, Washington county.
Botefuhr, Lillie.....	Fayetteville, Washington county.
Cravens, Lelia.....	Fayetteville, Washington county.
Core, Sue.....	Plum Bayou, Jefferson county.
Chasteen, Ed.....	Dixon's Cross Roads, Louisiana.
Chasteen, Jno.....	Dixon's Cross Roads, Louisiana.
Dial, Margie.....	Holly Grove, Monroe county.
DuVal, Annie.....	Fort Smith, Sebastian county.
Dinsmore, Annie.....	Bentonville, Benton county.
Gates, Maria.....	Fayetteville, Washington county.
Gates, Cora.....	Fayetteville, Washington county.
Gates, Alice.....	Fayetteville, Washington county.
Gorton, Lu S.....	South West City, Missouri.
Harris, Lu.....	Fayetteville, Washington county.
Hunt, Nora.....	Fayetteville, Washington county.

Hunt, Josie.....	Fayetteville, Washington county.
Harkey, Lillie.....	Russellville, Pope county.
Hill, Hattie.....	Fayetteville, Washington county.
Jennings, Lu.....	Fayetteville, Washington county.
Jelks, Bettie.....	Augusta, Woodruff county.
Johnson, Alta.....	Fort Smith, Sebastian county.
Knight, Carrie.....	Fayetteville, Washington county.
King, Ida.....	Fort Smith, Sebastian county.
King, Belle.....	White Bluff, Jefferson county.
Kenner, Bettie.....	Osage, Carroll county.
Lockhart, Fannie.....	Huntsville, Madison county.
Lake, Ella.....	Viney Grove, Washington county.
Maguire, Bedie.....	Maguire's Store, Washington county.
Nolan, Sallie.....	Fort Worth, Texas.
Nixon, Esmay.....	Fayetteville, Washington county.
O'Neill, Annie.....	Gibson county, Tennessee.
Pruitt, Florence.....	Russellville, Pope county.
Paddock, Grace.....	Fayetteville, Washington county.
Polson, Mollie.....	S. W. City, Missouri.
Stone, Amanda.....	Fayetteville, Washington county.
Scott, Berna.....	Fort Smith, Sebastian county.
Sewell, Pink.....	Roseville, Logan county.
Saunders, Cener.....	Fayetteville, Washington county.
Trott, Robbie.....	Fayetteville, Washington county.
Whitley, Annie.....	Duncan, Monroe county.

ORGAN.

Kenner, Dorcas.....	Osage, Carroll county.
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VIOLIN.

Albright, Steve.....	Fayetteville, Washington county.
Atkinson, J. G.....	Star City, Lincoln county.
Botefuhr, E. H.....	Fayetteville, Washington county.
Botefuhr, F. S.....	Fayetteville, Washington county.
Botefuhr, Fred.....	Fayetteville, Washington county.
Cook, James E.....	Texarkana, Miller county.
Chasteen, E. T.....	Dixon's Cross Roads, Louisiana.
Carter, M. M.....	Pocahontas, Randolph county.
Dickerson, A. P.....	Fayetteville, Washington county.
Davis, T. C.....	Fort Smith, Sebastian county.
Driver, J. L.....	Osceola, Mississippi county.
Dial, D. M.....	Holly Grove, Monroe county.
Gates, Howard.....	Fayetteville, Washington county.
Gregg, L. W.....	Fayetteville, Washington county.
George, J. B.....	Fayetteville, Washington county.
Gray, Carl.....	Fayetteville, Washington county.
Goodwin.....	Fayetteville, Washington county.
Hicks, J. T.....	Searcy, White county.
Howard, E. J.....	Marianna, Lee county.
Horn, F. A.....	Mountain Home, Baxter county.
Jennings, T. A.....	Fayetteville, Washington county.
Johnson, B. W.....	Camden, Ouachita county.
Johnson, C. M.....	Locksburg, Sevier county.

Kenner, John.....	Osage, Carroll county.
Lowry, R. B.....	Helena, Phillips county.
McCulloch, R. B.....	Conway, Faulkner county.
McClenden, Wm.....	Mars Hill, Lafayette county.
Mallory, John.....	Newport, Jackson county.
Notrebe, E. P.....	Auburn, Lincoln county.
Pap'e, W. B.....	Fort Smith, Sebastian county.
Southworth, J. R.....	Fayetteville, Washington county.
Smith, F. F.....	Fayetteville, Washington county.
Smith, M. C.....	Farmerville, Lincoln parish, Louisiana.
Tucker, J. L.....	Russellville, Pope county.
VanWinkle, Lee.....	War Eagle Mills, Benton county.
Wallis, Walter.....	Hope, Hempstead county.

VOCAL CULTURE.

Botefuhr, Laura L.....	Fayetteville, Washington county.
Bates, Lena.....	Fayetteville, Washington county.
Gates, Maria.....	Fayetteville, Washington county.
Jennings, Lu.....	Fayetteville, Washington county.
Lockhart, Fanny.....	Fayetteville, Washington county.
Pruitt, Florence.....	Fayetteville, Washington county.

GUITAR.

Butterfield, Ella.....	Hot Springs, Garland county.
Hudson, Wm.....	McKenzie's Landing, Jefferson county.
Jelks, Claudia.....	Augusta, Woodruff county.
Jones, John A.....	Barton, Phillips county.
Jelks, Bettie.....	Augusta, Woodruff county.
Jones, Mary.....	Caddo Gap, Montgomery county.
Mulholland, Sarah.....	Fayetteville, Washington county.
Tillman, John.....	Fayetteville, Washington county.
VanWinkle, J. D.....	War Eagle Mills, Benton county.
Wells, Horatio.....	Monticello, Drew county.

TRAINING SCHOOL IN CHARGE OF MISSES MARIA GATES AND FANNY LOCKHART.

Botefuhr, Geraldine.....	Fayetteville, Washington county.
Combs, Lillie.....	Fayetteville, Washington county.
Gates, Nellie.....	Fayetteville, Washington county.
McRoy, Minnie.....	Fayetteville, Washington county.
Richmond, Fanny.....	Fayetteville, Washington county.
Walker, Nannie.....	Fayetteville, Washington county.

Piano.....	41	Guitar.....	10
Organ.....	1	Training School.....	46
Violin.....	36		
Vocal Culture.....	6	Total.....	110

DEPARTMENT OF FINE ARTS.

CLASS IN DRAWING AND PAINTING,

MRS. GRAY.

PENCIL DRAWING.

Asher, Mr.	Alexandria, Arizona.
Chandler, Eva.....	Eldorado, Union county.
Gray, Carl.....	Fayetteville, Washington county.
Hanley, Andrew.....	Fayetteville, Washington county.
Johnson, Alta	Fort Smith, Sebastian county.
Jelks, Bettie.....	Augusta, Woodruff county.
Jackson, Alice.....	Fayetteville, Washington county.
Kenner, Bettie.....	Osage, Carroll county.
Lewis, Lena.....	Fayetteville, Washington county.
Lewis, Fletcher.....	Fayetteville, Washington county.
Nixon, Robert.....	Fayetteville, Washington county.
Porter, Mamie.....	Fayetteville, Washington county.
Pope, Edgar.....	Little Rock, Pulaski county.
Scott, Berma.....	Fort Smith, Sebastian county.
Thompson, Monte.....	Hope, Hempstead county.

CRAYON DRAWING.

Harkey, Dora.....	Russellville, Pope county.
Johnson, Alta.....	Fort Smith, Sebastian county.
Jennings, Lily.....	Fayetteville, Washington county.
King, Ella.....	Fort Smith, Sebastian county.
Murdock, Annie.....	Fayetteville, Washington county.
Putnam, Mary.....	Fayetteville, Washington county.
Reed, Lina.....	Fayetteville, Washington county.
Reiff, Emma.....	Fayetteville, Washington county.

OIL PAINTING.

Bates, Lena.....	Fayetteville, Washington county.
Hobson, Hattie.....	Fayetteville, Washington county.
Jennings, Lula.....	Fayetteville, Washington county.
Jennings, Lily.....	Fayetteville, Washington county.
King, Ella.....	Fort Smith, Sebastian county.
Kenner, Bettie.....	Osage, Carroll county.
Prince, Bell.....	Fayetteville, Washington county.
Reed, Lina.....	Fayetteville, Washington county.
Sewell, Pink.....	Roseville, Logan county.

COURSE OF STUDY.

CLASSICAL COURSE.

Applicants for the Freshman Class must pass a satisfactory examination in Reading, Spelling, English Grammar, Geography, Arithmetic, Algebra to equations of the second degree, Latin—two books of Cæsar's Commentaries; Greek—two books of Xenophon's Anabasis. Applicants for advanced standing must pass a satisfactory examination on the preceding work of the course.

FRESHMAN YEAR.

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FIRST TERM.

Algebra.

Greek. Physical Geography.

Latin.

English Diction. Elocution.

French or German (both optional).

SECOND TERM.

Geometry.

Greek.

Latin. Physics.

English Diction. Elocution.

French or German (optional).

THIRD TERM.

Geometry.

Greek.

Latin. Physics.

English Diction. Elocution.

French or German (optional).

SOPHOMORE YEAR.

FIRST TERM.

Plane and Spherical Trigonometry.

Greek.

Latin.

Chemical Physics.

Rhetoric.

SECOND TERM.

Analytical Geometry.
Latin.

Greek.
General Chemistry.
Rhetoric.

THIRD TERM.

Analytical Geometry.
Latin. General Chemistry.

Greek.
English Composition.

JUNIOR YEAR.

FIRST TERM.

Latin.
Differential Calculus.

Greek.
Physiology.
English Literature; Anglo-Saxon Period.

SECOND TERM.

Latin.
Differential Calculus.
Ancient History.

Greek.
English Literature (Early Modern English
Geology. [Period.]

THIRD TERM.

Latin.
Integral Calculus.
Modern History.

Greek.
English Literature, (Masterpieces).
Logic.

SENIOR YEAR.

FIRST TERM.

History of Civilization.
Mental Philosophy.

Natural Philosophy.
Political Economy.

SECOND TERM.

Natural Philosophy.
History of Philosophy.

Moral Philosophy.
International Law.
Civil Polity.

THIRD TERM.

Philology.
Elements of Criticism.

Constitution of United States.
Evidences of Christianity.

COURSE OF LATIN LETTERS.

Adopted by the Board of Trustees to be part of the Curriculum in future.

Applicants for the Freshman Class must pass a satisfactory examination in all the studies named for applicants for the A B, except Greek.

FRESHMAN YEAR.**FIRST TERM.**

Algebra.	Physical Geography.
Latin.	English Diction. Elocution.
French or German (both optional).	

SECOND TERM.

Geometry.	English Diction. Elocution.
Latin.	Physics.
French or German (optional).	

THIRD TERM.

Geometry.	English Diction. Elocution.
Latin.	Physics.

SOPHOMORE YEAR.**FIRST TERM.**

Plane and Spherical Trigonometry.	Chemical Physics.
Latin.	Rhetoric.

SECOND TERM.

Analytical Geometry.	General Chemistry.
Latin.	Rhetoric.

THIRD TERM.

Analytical Geometry.	General Chemistry.
Latin.	English Composition.

JUNIOR YEAR.**FIRST TERM.**

Latin.	Differential Calculus.
English Literature, (Anglo-Saxon Period).	Physiology.

SECOND TERM.

Latin.	English Literature, (Early Modern English	[Period
Ancient History.	Geology.	
Differential Calculus.		

THIRD TERM.

Latin.	English Literature, (Masterpieces).
Integral Calculus.	Logic.
Astronomy.	Modern History.

SENIOR YEAR.**FIRST TERM.**

Latin.	Mental Philosophy.
History of Civilization.	Political Economy.

SECOND TERM.

Latin.	Moral Philosophy.
Natural Philosophy.	Civil Polity.
History of Philosophy.	International Law.

THIRD TERM.

Constitution of United States.	Philology.
Elements of Criticism.	Evidences of Christianity.
Theses on Latin Language and Literature.	

COURSE IN MODERN LANGUAGES.

Adopted by the Board of Trustees to be a part of the Curriculum in future.

Applicants for the Freshman Class must pass a satisfactory examination in Reading, Spelling, Penmanship, English Grammar, Geography, United States History, Arithmetic, and Algebra to Equations of the second degree, French and German as required in the A. and Sub-Fresh Classes.

Applicants for advanced standing will have to pass an examination on the back work of the course.

FIRST YEAR.

FIRST TERM.

Algebra. French. German. English Diction. Elocution. Physical Geography.

SECOND TERM.

Geometry. French. German. English Diction. Elocution. Physics.

THIRD TERM.

Geometry. French. German. English Diction.

SECOND YEAR.

FIRST TERM.

Plane and Spherical Trigonometry. French. German. Rhetoric. Chemical Physics.*

SECOND TERM.

Analytical Geometry. French. German. Rhetoric. General Chemistry.*

THIRD TERM.

French. German. English Composition. History of English Language. General Chemistry.*

* Required to reach second division only.

THIRD YEAR.**FIRST TERM.**

English Literature, (Anglo-Saxon Period). French. German. Physiology. Mineralogy.*

SECOND TERM.

English Literature, (Early Modern English Period). French. German. Ancient History. Geology.*

THIRD TERM.

Masterpieces in English Literature. French. German. Modern History. Logic.

FOURTH YEAR.**FOURTH TERM.**

French and German Language and Literature. History of Civilization. Mental Philosophy. Political Economy.

SECOND TERM.

French and German Language and Literature. History of Philosophy. International Law. Moral Philosophy. Civil Polity.

THIRD TERM.

French and German Language and Literature. Philology. Evidences of Christianity. Constitution of United States.

COURSE OF ENGLISH LETTERS.

Adopted by the Board of Trustees to be part of the Curriculum in future.

Applicants for the Freshman Class must pass a satisfactory examination in Reading, Spelling, Penmanship, English Grammar, Geography, United States History, Arithmetic, and Algebra to Equations of the second degree.

Applicants for advanced standing will have to pass an examination on the back work of the course.

FIRST YEAR.**FIRST TERM.**

Algebra. English Diction. Elocution. Physical Geography.

SECOND TERM.

Geometry. English Diction. Elocution. Physics. Drawing.

THIRD TERM.

Geometry. English Diction. Elocution. Physics. Botany.*

* Required to reach second division only.

SECOND YEAR.

FIRST TERM.

Plane and Spherical Trigonometry. Rhetoric. Chemical Physics.*

SECOND TERM.

Analytical Geometry. Rhetoric. General Chemistry. Zoology.*

THIRD TERM.

English Composition. General Chemistry. History of English Language.

THIRD YEAR.

FIRST TERM.

English Literature, (Anglo-Saxon Period). Physiology. Mineralogy.*

SECOND TERM.

English Literature, (Early Modern English Period). Ancient History. Geology.*

THIRD TERM.

Masterpieces in English Literature. Modern History. Logic. Astronomy.

FOURTH YEAR.

FIRST TERM.

Masterpieces in English Literature. History of Civilization. Mental Philosophy.
Political Economy.

SECOND TERM.

The English Drama. History of Philosophy. International Law. Moral Philosophy.
Civil Polity.

THIRD TERM.

Elements of Criticism. Philology. Evidences of Christianity. Constitution of
United States.

NORMAL COURSE.

Students completing this course are entitled to the Normal Diploma. Those who complete less than the entire course are entitled to a certificate showing work done.

FIRST YEAR.

FIRST TERM.

Reading and Orthography. Arithmetic. United States History. Geography. English Grammar. Penmanship. Latin. Principles of Teaching.

*Required to reach second division only.

SECOND TERM.

Reading and Orthography. Algebra. United States History. Arithmetic. Latin.
English Grammar. Principles of Teaching.

THIRD TERM.

Reading and Orthography. Algebra. United States History. Arithmetic. Latin.
English Grammar. Principles of Teaching.

SECOND YEAR.

FIRST TERM.

Algebra. English Diction. Elocution. Physical Geography. Latin.
Methods of Teaching.

SECOND TERM.

Geometry. English Diction. Elocution. Latin. Physics. Methods of Teaching.

THIRD TERM.

Geometry. English Diction. Elocution. Latin. Physics. Botany. Methods of
Teaching.

THIRD YEAR.

FIRST TERM.

Plane and Spherical Trigonometry. Rhetoric. Latin. Chemical Physics. Methods
of Teaching.

SECOND TERM.

Analytical Geometry. General Chemistry. Zoology. Methods of Teaching. Latin.

THIRD TERM.

Analytical Geometry. Latin. Methods of Teaching.

FOURTH YEAR.

FIRST TERM.

General History. Differential Calculus. Physiology. Theory of Graded Schools.

SECOND TERM.

General History, Geology. English Literature, (Early Modern English Period.)
Principles of Classification.

THIRD TERM.

General History. School Law. Astronomy. History of Education. Masterpieces
in English Literature.

SCIENTIFIC COURSE.

Applicants for the Freshman Class must pass a satisfactory examination in Reading, Spelling, Penmanship, English Grammar, Geography, United States History, Arithmetic, and Algebra to Equations of the second degree, French and German as required in the A. and Sub-Fresh Classes.

Applicants for advanced standing will have to pass an examination on the back work of the course.

The object of this course is to give an extended and thorough knowledge of the Sciences, and prepare those taking it for Practical Scientific work.

Those who successfully complete the following course will receive the degree of Bachelor of Science.

FRESHMAN YEAR.

FIRST TERM.

Algebra. Physical Geography. French. German. Drawing.

SECOND TERM.

Geometry. French. German. Drawing. English Diction. Physics.

THIRD TERM.

Botany. Geometry. French. German. Physics. English Diction.

SOPHOMORE YEAR.

FIRST TERM.

Chemical Physics. Cryptogamic and Economic Botany. Blowpipe Work. Plane and Spherical Trigonometry. Rhetoric.

SECOND TERM.

Zoology. Inorganic Chemistry. Laboratory Practice. Analytical Geometry.

THIRD TERM.

Zoology, continued. Inorganic Chemistry and Laboratory Work, continued. Analytical Geometry.

JUNIOR YEAR.

FIRST TERM.

Descriptive Geometry. Organic Chemistry. Mineralogy. Blow Pipe Work. Physiology. Qualitative Analysis.

SECOND TERM.

Geology. Biology. Excursions and Field Work. Theoretical Chemistry. Qualitative Analysis.

THIRD TERM.

Quantitative Analysis. Comparative Anatomy. Geology. Logic. Metallurgy.

SENIOR YEAR.

FIRST TERM.

Quantitative Analysis. Industrial Chemistry. Natural Philosophy. Electives.

SECOND TERM.

Industrial Chemistry. Natural Philosophy. Quantitative Analysis. Electives.

THIRD TERM.

Industrial Chemistry. Natural Philosophy. Theses on some Scientific Subject. Electives. Quantitative Analysis.

AGRICULTURAL COURSE.

Qualifications the same as for the Scientific Course, excepting that French is not obligatory.

The course in Agriculture is based upon the Scientific course, and considers the Sciences underlying, together with branches *especially* Agricultural.

The successful completion of this course leads to the degree of Bachelor of Agriculture.

FIRST YEAR.

FIRST TERM.

Algebra. Physical Geography. Lectures on Soils. English Diction. German. Drawing.

SECOND TERM.

Geometry. Lectures on Soils. Drawing. English Diction. Physics. German.

THIRD TERM.

Botany. English Diction. Drawing. Geometry. Orchards. Propagation of Seedlings. Physics.

SOPHOMORE YEAR.

FIRST TERM.

Cryptogamic and Economic Botany. Plane and Spherical Trigonometry. Geodesy.
Chemical Physics. Rhetoric. Blow Pipe Work.

SECOND TERM.

Inorganic Chemistry and Laboratory Practice. Zoology. Analytical Geometry.

THIRD TERM.

Inorganic Chemistry and Laboratory Practice. Zoology. Analytical Geometry.

JUNIOR YEAR.

FIRST TERM.

Descriptive Geometry. Mineralogy. Breeding, History, Races, and Management of
Stock. Organic Chemistry. Blow Pipe Work. Physiology.

SECOND TERM.

Geology. Entomology. Farm Machinery. Chemical Consideration of Soils and
Fertilizers. Road Working.

THIRD TERM.

Comparative Anatomy. Rural Architecture. Qualitative Analysis. Farm Accounts.
Astronomy.

SENIOR YEAR.

FIRST TERM.

Qualitative Analysis. Industrial Chemistry. Physics. Electives. Current Agricultural
Topics.

SECOND TERM.

Industrial Chemistry. Physics. Current Agricultural Topics. Veterinary Surgery.
Electives.

THIRD TERM.

Quantitative Analysis. Landscape Gardening. Physics. Industrial Chemistry.
Theses on Agricultural Subjects.

COURSE IN CIVIL ENGINEERING.

Adopted by the Board of Trustees to be part of the Curriculum in the future.

Applicants for the Freshman Class must pass a satisfactory examination in Reading, Spelling, Penmanship, English Grammar, Geography, United States History, Arithmetic and Alge-

bra to Equations of the Second Degree, French and German, as required in the A. and Sub-Fresh Classes.

Applicants for advanced standing will have to pass an examination on the back work of the course.

FIRST YEAR.

FIRST TERM.

Algebra. Physical Geography. French. German. English Diction. Elocution. Drawing.

SECOND TERM.

Geometry. Physics. French. German. English Diction. Elocution. Drawing.

THIRD TERM.

Geometry. Physics. French. German. English Diction. Elocution. Drawing.

SECOND YEAR.

FIRST TERM.

Plane and Spherical Trigonometry. Chemical Physics. Geodesy. Drawing. Field Work.

SECOND TERM.

Analytical Geometry. Geodesy. Inorganic Chemistry. Drawing. Field Work.

THIRD TERM.

Analytical Geometry. Inorganic Chemistry. Roads. Railroads. Tunnels and Canals. Drawing. Field Work.

THIRD YEAR.

FIRST TERM.

Descriptive Geometry. Calculus. Solid Geometry. Topography. Mineralogy. Organic Chemistry. Drawing. Field Work.

SECOND TERM.

Calculus. Perspective. Higher Geodesy. Geology. Industrial Drawing. Field Work.

THIRD TERM.

Calculus. Strength of Materials and Stability of Constructions. Industrial Drawing. Field Work.

FOURTH YEAR.

FIRST TERM.

Natural Philosophy. Architecture. Arches, Bridges and Roofs. Industrial Chemistry. Industrial Drawing. Field Work.

SECOND TERM.

Natural Philosophy. Machines and Machinery. Industrial Chemistry. Industrial Drawing. Field Work.

THIRD TERM.

Natural Philosophy. Hydraulic Engineering. Engines. Industrial Chemistry. Industrial Drawing. Field Work.

COURSE IN MINING ENGINEERING.

Adopted by the Board of Trustees to be part of the Curriculum in future.

Applicants for the Freshman Class must pass a satisfactory examination in Reading, Spelling, Penmanship, English Grammar, Geography, United States History, Arithmetic and Algebra to Equations of the Second Degree, French and German as required in the A. and Sub-Fresh Classes.

Applicants for advanced standing will have to pass an examination on the back work of the course.

FIRST YEAR.

FIRST TERM.

Algebra. Physical Geography. French. German. English Diction. Elocution. Drawing.

SECOND TERM.

Geometry. Physics. French. German. English Diction. Elocution. Drawing.

THIRD TERM.

Geometry. Physics. French. German. Botany. English Diction. Elocution. Drawing.

SECOND YEAR.

FIRST TERM.

Plane and Spherical Trigonometry. Chemical Physics. Geodesy. Cryptogamic and Economic Botany. Blow Pipe. Drawing. Field Work.

SECOND TERM.

Analytical Geometry. Inorganic Chemistry. Zoology. Geodesy. Drawing.
Field Work.

THIRD TERM.

Analytical Geometry. Shafts and Tunnels. Inorganic Chemistry. Zoology.
Drawing. Field Work.

THIRD YEAR.

FIRST TERM.

Descriptive Geometry. Topography. Organic Chemistry. Mineralogy.
Blow Pipe Work. Qualitative Analysis.

SECOND TERM.

Geology. Theoretical Chemistry. Under-ground Surveying. Qualitative
Analysis.

THIRD TERM.

Geology. Quantitative Analysis. Metallurgy. Strength of Materials and Stability
of Construction. Under-ground Construction.

FOURTH YEAR.

FIRST TERM.

Natural Philosophy. Mining. Industrial Chemistry. Quantitative Analysis.

SECOND TERM.

Natural Philosophy. Machines and Machinery. Industrial Chemistry. Quantitative
Analysis.

THIRD TERM.

Natural Philosophy. Engines. Quantitative Analysis.

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DEPARTMENT OF INSTRUCTION.

MENTAL AND MORAL SCIENCE.

GEN. D. H. HILL.

These studies, so admirably adapted to train the mind and cultivate the heart, belong to the President's Department. The former explains the phenomena of the mind, and the best method of employing its faculties in reasoning aright. The latter, by subordinating all the mental powers to divine truth and an enlightened conscience, guards against the seductions of error and the allurements of passion.

TEXT BOOKS.

Porter's Intellectual Science.	Alexander's Evidences of Christianity.
Wayland's Moral Philosophy.	Bowen's Logic.
Townsend's Civil Government.	Perry's Political Economy.
In English Literature—Marsh, Trench and Shepherd.	

NORMAL DEPARTMENT.

PROF. GATES.

The design of this department is to train teachers for the common schools of the State.

Applicants must pass a satisfactory examination in the common English branches, in order to enter this department.

In addition to a thorough knowledge of the branches to be taught, the work comprehends :

1. Training in methods of imparting instruction in the branches to be taught.
2. Methods of leading pupils to think and investigate for themselves.
3. How to grade and organize the various kinds of schools.
4. Government or discipline of schools.
5. Duties of teachers as governed by School Law.

DEPARTMENT OF LANGUAGES.

PROF. LEVERETT.

Instruction in this department is distributed into two schools.

I. SCHOOL OF ANCIENT LANGUAGES.

There are four classes in Latin and the same number in Greek. The mode of instruction is by translations from the Text Books into English, and from English into Latin and Greek. The principles and idioms of the languages are carefully studied, with a view to a better acquaintance with the principles of the English speech.

Due prominence is given to Latin and Greek composition, and also to the Literature and History of Greece and Rome.

Candidates for admission to the Freshman class must come well drilled in Harkness' Grammar and Reader, Latin and Greek, or their equivalents, and must have read two books in Cæsar's Commentaries, and two books of Xenophon's Anabasis.

TEXT BOOKS.

LATIN—FRESHMAN CLASS.

Cæsar Third and Fourth Books.
Æneid Six Books.

Cicero's Orations against Cataline.
Exercises in writing Latin Composition.

SOPHOMORE CLASS.

Horace, Odes, Epodes, and Selections from Satires and Epistles.

JUNIOR CLASS.

Tacitus—Germania, Agricola and Annals.

Juvenal's Satires.

GREEK—FRESHMAN CLASS.

Xenophon's Anabasis (completed).

Harkness' Greek Composition.

Exercises in writing Greek.

SOPHOMORE CLASS.

Homer, (selections from Iliad).

Herodotus, (selections).

Exercises in writing Greek.

JUNIOR CLASS.

Demosthenes, (public orations).

Aristophanes.

Selections from the Lyric Poets.

Books of Reference:—Liddell's Rome, Brown's Roman Literature, Smith's History of Greece.

II. SCHOOL OF MODERN LANGUAGES.

In this school, French and German are taught for one year, viz: The Freshman.

The student is taught first the elementary principles of Grammar and then proceeds at once to translating from these languages into English, and writing as well as translating, orally, English sentences into French and German.

TEXT BOOKS.

Charles XII.

Moliere.

Corinne.

Selections from Standard Authors.

A course of private reading is required.

Whitney's Grammar.

Whitney's Dictionary.

Goethe. Schiller.

A course of Private Reading is required.

PURE MATHEMATICS.

PROF. GRAY.

The course of study for the various degrees is completed in the third term of the Junior year, and embraces Algebra, Geometry, Trigonometry, Analytical Geometry, Descriptive Geometry, Solid Geometry and Calculus.

ALGEBRA

(taught by use of text and reference books and frequent lectures) is confined to the first term of the Freshman year, and embraces the elementary principles; equations, simple and quadratic; ratio, proportion, progression, inequation and differentiation; indeterminate coefficients; trinomial theorem in development of functions; logarithms; indeterminate analysis; Sturm's theorem and Horner's method of solving higher equations.

GEOMETRY

(taught by the same methods as mentioned for Algebra) is also confined to the second and third terms of the Freshman year, and embraces the treatment of straight lines, angles and polygons; proportion, with its application to geometrical investigation; the circle and the theorems dependent upon its properties; proportions and measurements of polygons and circles; intersections and relative positions of planes; solid and spherical geometry, and under each of the subjects, a variety of original and practical problems, for class work.

● TRIGONOMETRY

(taught by use of approved text books and familiar lectures) is confined to the first term of the Sophomore year; and embraces general propositions in Plane Trigonometry; equations for sines, cosines, etc.; the use of logarithms; oblique and right angled triangles and their projection; Napier's Circular Parts and Analogies; and in order to fix the principles of Plane and Spherical Trigonometry in the mind, applications are made to surveying and navigation.

TO SURVEYING,

in the theory, adjustment and use of instruments; rectangular surveying, as practiced on government surveys; area of land; finding section corners; retracing old lines; topographical and railroad surveying; field practice, with compass, chain, level and rod;—

TO NAVIGATION.

by problems in plane sailing ; differences in latitude and longitude ; Mercator's sailing ; computing meridional parts ; sailing in currents ; finding place by solar and lunar observations, practical use of quadrant.

DESCRIPTIVE GEOMETRY

is taught in the second term of Sophomore year by lectures, and use of Church or Warren's text books.

ANALYTICAL GEOMETRY

is taught by lectures and use of text books, and is confined to second and third terms of the Sophomore year, and embraces the Cartesian method of co-ordinates ; construction of equations ; transformation of co-ordinates, and properties of the Conic sections.

CALCULUS.

is taught by the use of text books and familiar lectures, and is confined to the Junior year. This study embraces Differential Calculus applied to the differentiation of algebraic, exponential, logarithmic, trigonometrical and Circular functions ; successive differentiations ; differential co-efficients ; implicit and compound functions ; Maclaurin's formula ; Taylor's formula ; evolutions of indeterminate expressions ; maxima and minima of functions of one variable.

INTEGRAL CALCULUS.

Elementary rules ; subordinate circular forms ; separation by indeterminate co-efficients ; rationalization ; formula for integration by parts ; integration by infinite series ; successive integration ; method of disposing of the constant of integration.

TEXT BOOKS.

Algebra—Robinson's University.

Plane Trigonometry—Robinson.

Analytical Geometry—Olney.

Geometry—Robinson.

Surveying and Navigation—Robinson.

Calculus—Olney.

COURSE IN NATURAL PHILOSOPHY.

PROFS. HARVEY AND CONRAD.

This course is divided into Physics and Astronomy.

Students of all the courses pursue Elementary Physics during the last two terms of the Freshman year.

Advanced Physics and Astronomy occupy the entire Senior year, and are studied by applicants for the A. B., B. S. and Engineering degrees. Agricultural students omit higher Astronomy, but take the course in Advanced Physics.

Applicants for any of the other degrees take Descriptive Astronomy in the Junior year, studied without the aid of higher mathematics.

COURSE IN CHEMISTRY.

PROFS. HARVEY AND CONRAD.

CHEMICAL PHYSICS

is studied by the students of all the courses, during the first term of the Sophomore year. It embraces the physical principles requisite to the pursuance of Chemistry.

INORGANIC CHEMISTRY.

Students in the Scientific, Agricultural and Engineering Courses pursue Inorganic Chemistry during the last two terms of the Sophomore year.

The course embraces three hours a week Recitation, and ten hours a week Laboratory work. The important Chemical elements, and their principal compounds, are considered as to their occurrence in nature; physical and chemical properties; method of manufacture; prominent uses.

Each individual performs about three hundred experiments, which illustrate important Chemical principles.

Students pay for the chemicals used and apparatus broken. The chemical laboratory is free to all, but a deposit of ten dollars is required to cover expenses, and the surplus, if there is any, is returned.

Applicants for other degrees take a course in General Chemistry during the second and third terms of the Sophomore year, consisting of lectures with experiments by the Professor, but perform no laboratory work.

ORGANIC CHEMISTRY

occupies the first term of the Junior year; is pursued by applicants for the B. S., B. A. and Engineering degrees. It is taught by text book and lecture, is made practical by selecting for illustration of the principles, compounds of importance. It embraces a consideration of fibre plants, starches, sugars, gums, resins, jellies, oils, fats, soaps, glycerine, candles, leathers, inks, dyes, vegetable acids, albumenoids, alkaloids, etc.

ANALYTICAL CHEMISTRY.

QUALITATIVE ANALYSIS

is taught during the Junior year. The methods of detecting the principal elements and acids in the wet way will be fully illustrated by the analysis of sets of simple and complex compounds.

The course will consist of six hours per week laboratory work, and recitations upon the principles involved. Students taking the Scientific, Agricultural and Engineering Courses, receive the benefit of Qualitative Analysis.

QUANTITATIVE ANALYSIS

is pursued by the Scientific and Engineering students, during the Senior year. Students in General Science will analyze, quantitatively, a wide range of compounds.

Agricultural students will confine their attention to soils, fertilizers, foods for animals, etc.

Engineering students will make quantitative determinations of ores, building materials, natural waters, etc.

INDUSTRIAL CHEMISTRY

occupies the whole of the Senior year. Is pursued by the Student in Science, Agriculture and Engineering. Embraces a study of the chemical principles of the great manufacturing interests of the world. The work will consist of lectures, study of dictionaries and journals upon manufactures.

AGRICULTURAL CHEMISTRY.

Students taking the course in Agriculture will consider in the Junior year, the chemical nature of soils and fertilizers, also the relation of plant life to the soil and air.

CHEMICAL REFERENCE AND TEXT BOOKS.

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|---|--|
| Miller's Chemical Physics. | Miller's Organic and Inorganic Chemistry |
| Eliot and Storer's Manual. | Watt's Chemical Dictionary. |
| Fresenius' Qualitative and Quantitative Analysis. | |
| Ure's Dictionary of the Arts and Manufactures. | Wagner's Chemical Technology. |
| Cooke's Chemical Physics. | Appleton's Dictionary of Mechanics. |
| Crooke and Rohrig's Metallurgy. | |
| Liebig, Caldwell, Johnston and Johnson's Works. | |

COURSE IN BIOLOGY.

PROFS. HARVEY AND CONRAD.

BOTANY

begins with the Spring term of the Freshman year, and is continued through the first term of the Sophomore year.

Applicants for the A. B. or Civil Engineering degrees do not study Botany.

The first term is devoted to a consideration of the structure and uses of the organs of plants, together with analysis, classification and study of the prominent orders of flowering plants.

Students do laboratory work, and prepare one hundred species of plants.

The second term is devoted to a study of the Compositæ, Gramineæ, Cyperaceæ and other difficult orders, together with a course in Cryptogamic and Economic Botany.

CRYPTOGAMIC BOTANY

embraces the characters of the equisetums, ferns, mosses, liverworts, ground pines, fungi, lichens, and algæ.

The ferns of the State are classified. The economic value of fungi and lichens is considered, also the prominent forms of injurious fungi.

ECONOMIC BOTANY

embraces a consideration of the uses of plants in the economy of nature and to man. It is considered under the divisions: fibre, food, forage, medicinal and ornamental plants, plants yielding dyes, gums, spices, narcotics, etc.

BOTANICAL TEXT AND REFERENCE BOOKS.

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|--|--|---------------------------|
| Gray's Manual and Lessons. | Wood's Botany. | Gray's Structural Botany. |
| Sach's Text Book. | Various Catalogues and Government Reports. | |
| United States Dispensatory. Gray's Genera Illustrata, etc. | | |
| Torry & Gray's Flora of North America. | | |
| Gray's Flora of North America. | Chapman's Southern Flora. | |
| LeMaont & Decaisne's Descriptive and Analytical Botany. | | |

COMPARATIVE ZOOLOGY.

This subject occupies the second term of the Sophomore year; embraces morphology, physiology, classification, distribution in time and space, habits and uses of the prominent forms of life. The subject is illustrated by specimens and the use of the compound microscope.

PHYSIOLOGY.

Advanced Physiology is considered during the first term of the Junior year. It will embrace Human Anatomy, Physiology and Hygiene,

COMPARATIVE ANATOMY

occupies the third term of the Junior year, and embraces a comparison of the muscular, osseous, nervous, digestive, circulatory and respiratory systems in man, with those of the lower animals.

ADVANCED BIOLOGY

will occupy one term in the Junior year, and embraces laboratory work and classification.

Applicants for B. S. and B. A. degrees take the entire biological course. Engineers do no biological work. Physiology is required of applicants for all except engineering degrees, while applicants for the B. E. L. and M. E. degrees pursue Botany, Zoology, each one term.

REFERENCE AND TEXT BOOKS IN ZOOLOGY.

- | | |
|---|--|
| Flint and Dalton's Works on Physiology. | Gray's Anatomy. |
| Orton and Nicholson's Works on Comparative Zoology. | |
| Owen's Physiology and Anatomy of Vertebrates. | Carpenter's Principles of Comparative Zoology. |
| Darwin's Works. | Cou's Key to North American Birds. |
| Tenny's Manual of Zoology. | Packard's Guide to the Study of Insects. |
| Flint's Insects injurious to vegetation. | Various Government Reports. |
| Chauveau's Comparative Anatomy. | Jordan's Manual of Vertebrates. |
| (Entozoa, Cobbold), | (Veterinary Surgery, Williams). |
| Wallaces' Distribution of Animals. | |

COURSE IN GEOLOGY AND MINERALOGY

begins in the Freshman year with *Physical Geography*, when the general surface features of the earth are considered.

MINERALOGY AND LITHOLOGICAL GEOLOGY

occupy the first term of the Junior year, and consider rock masses and mineral species. The work is impressed by cabinet specimens and blow-pipe analysis. State minerals receive special consideration.

DYNAMICAL AND HISTORICAL GEOLOGY

occupy the second and third terms of the Junior year. Succession of strata, characteristic fossils, division of formations into times, ages and periods, geology of the State, methods of

conducting geological surveys, field work, succession of strata in this region, economic geology, changes our earth has undergone in rock formations, vegetable and animal life, causes that have and are still modifying the features of the earth.

TEXT BOOKS.

Dana's Text Books and Manuals.

Lyell's Principles.

Cornell, Guyot and Warren's Physical Geographies.

Geological Surveys of many of the States.

Also Government Reports.

LeConte's Geology.

Erne's Vonkobell.

APPLIED MATHEMATICS.

PROF. GORDON.

For students wishing to pursue the Engineering Course, a course of special training in English, French, German, Elementary Mathematics and Drawing has been provided, embracing two years in the Preparatory Department, and the first year in Collegiate Department.

The School of Applied Mathematics is designed as the basis of the courses in Civil Engineering and Mining Engineering. The work proper begins with the first term of the second or Sophomore year, and embraces a three years' course in the applications of Pure Mathematics to the solutions of such problems as are constantly presented to the practical engineer.

The course is divided as follows :

GEODESY.

In this branch are discussed the different methods of surveying and dividing land, whether in large or small tracts, leveling, topographical surveying, general theory and use of field instruments. Students are required to make plats and calculations from data determined by themselves on the field. Higher Geodesy and the projection of maps will be taught in the second term of the third year.

PARALLEL PROJECTIONS.

This subject is here extended to more complex problems than are required in Pure Mathematics. Each of the systems, orthogonal, axonometric and oblique are discussed, and students construct the projections of various objects presented.

(C) CENTRAL PROJECTIONS.*

Under this head the principles of linear perspective are fully considered, and students construct the perspective of various objects both simple and regular in form.

ROADS, RAILWAYS, TUNNELS AND CANALS.

The principles of the construction of each of these are fully presented, and as far as practicable, students are required to apply for themselves these principles in the field, in laying out and staking curves, computing various cuts and fills, etc.

STRENGTH OF MATERIALS.

In this branch the power of resistance of different materials and the calculation of the various strains to which they are subjected are taught, and the student is required to apply his knowledge for the solution of a number of problems relating to the stability of different structures.

(C) ARCHES, BRIDGES, ROOFS.*

The general principles of the arch and its modifications are given, together with the calculations of its strength. The various kinds of bridges are discussed. Particular attention is paid to the forms of truss used in the construction of roofs. Students make the working drawings for different constructions, and calculate the stability required in the various parts.

(C) ARCHITECTURE.*

This subject is devoted to the consideration of the different ancient orders and their modifications, with a brief history of the same. Special attention is given to the modern styles of public and private buildings. Plans, elevations and perspective drawings of various kinds of buildings are made by students.

* Subjects marked (C) are only required in the course of Civil Engineering; those not otherwise designated are studied in each course.

MACHINES AND MACHINERY.

The subject embraces the gearing of machinery, study of various machines in detail, construction of mill-work, and a course in design.

HYDRAULIC ENGINEERING.

In this branch of the subject are taught the methods of collecting, conveying and distributing water for city supplies and manufacturing purposes; construction of reservoirs and sewers; theory of river and coast improvements, and theory of Hydraulic motors.

ENGINES.

The student has his attention drawn to the mechanism, working and use of various kinds of steam and gas engines, locomotives, etc.

(M) MINING.*

Here are studied the various operations of sinking vertical and inclined shafts and driving tunnels; the means of ventilating mines—the machinery used; and the estimation of costs in working a mine.

(M) UNDERGROUND SURVEYING.*

Under this head are taught the methods of laying out work underground, and the construction of lines of communication beneath the surface.

(M) UNDERGROUND STRUCTURES.*

In this subject the attention of the student is called to the constructions that are necessary in mining; and as far as possible an idea is given him of the circumstances on which these will depend, and the best means of securing stable structures in any given case.

DRAWING.

In this course the use of drafting instruments is taught, and the student is gradually led from the representation of simple objects to those more complex in form. Students in the course

* Subjects marked (M) are only required in the course of Mining Engineering.

of civil engineering pursue this branch throughout the entire three years; for those in Mining Engineering the subject is not carried to the same extent. But in both courses it is as far as possible made parallel with the above mentioned branches. Each student is required to execute for himself such drawings as serve to impress the principles taught under the different subjects.

A commodious drawing room has been fitted up with the most approved style of furniture. But each student has to provide himself with suitable drafting instruments. The cost of such a set will be about fifteen dollars.

FIELD WORK.

The Engineering Department is furnished with surveyor's and engineer's field instruments of the best construction. These are taken separately and explained to the class. Students are then required to apply their knowledge to the making of actual surveys, laying out and staking curves, running levels, calculating cuts, fills, etc.

This work, like the course in drawing, is more limited for the students in mining engineering, but for those in civil engineering it extends through the entire course. Students in each class are required to show skill and ability for the performance of the field operations of their profession.

TEXT BOOKS AND WORKS FOR REFERENCE.

- | | |
|--|--------------------------------------|
| Warren's Course—Including "Free Hand Drawing. | Elementary Plane Problems. |
| Elementary Projection Drawing. Descriptive Geometry. Shades and Shadows. | |
| Linear Perspective." | Troutwine's Pocket Book. |
| Smith's Topographical Drawing. | Barry's Railway Appliances. |
| Rankine's Works—Civil Engineering, Machinery and Mill Work. | |
| Mahan's Civil Engineering. | Vose's Manual for Railway Engineers. |

Additions will be given in the form of notes on points where they are deemed necessary.

DEPARTMENT OF MUSIC.

PROF. BOTEFUHR.
—

PIANO-FORTE.

The course of instruction comprises four years. In case of close attention and extraordinary ability, on the part of the pupil, the required standard may be reached in less time.

FIRST YEAR.

The first year will be chiefly devoted to the study of the first principles of Music, five-finger exercises, practice of the Scales and such intellectual studies as will prepare the pupil for the lighter compositions of Clementi, Kuhlau, Mozart, etc.

SECOND YEAR.

Practice of the Scales; arpeggios and studies of Czerny, Moschelles, Clementi, etc., and the easier compositions of Mozart, Clementi, Beethoven, etc.

THIRD YEAR.

Practice of the Scales, development of the trill, wrist practice, advance studies of Czerny, Heller, and compositions by Leybach, Fesca, Chopin, Hayden, Beethoven, and others.

FOURTH YEAR.

Studies of Cramer, Rubinstein, etc., and compositions by Thalberg, Liszt, Hummel, Beethoven, etc.

Great care will be taken to develop a taste in the pupil for the purest and noblest order of Music.

VOICE CULTURE.

Development of a pure tone. Studies having for their object to render the voice flexible. Studies on expression, breathing, pronunciation, etc. Etudes by Lutgen, Rossini, Marchesi, Concone, Bordogni.

VIOLIN.

FIRST YEAR.

Practice of bowing, finger exercises. Mazas' Instructor.

SECOND YEAR.

Etudes of Dancla, and instructive arrangements from the Operas.

THIRD YEAR.

Kaiser's Etudes, Sonatas by Hayden, Schubert, etc.

FOURTH YEAR.

Kreutzer's Etudes, compositions by De Beriot, Kreutzer, etc.

TERMS.

TWO LESSONS PER WEEK.

Piano-Forte, primary scholars	\$10 00 per term.
Piano-Forte, advanced scholars	15 00 per term.
Voice Culture, class of four, each	3 75 per term.
Voice Culture, class of three, each	5 00 per term.
Voice Culture, class of two, each	7 50 per term.
Voice Culture, private lessons.	15 00 per term.
Violin, class of five, each	3 00 per term.
Violin, class of four, each	3 75 per term.
Violin, class of three, each	5 00 per term.
Violin, class of two, each	7 50 per term.
Violin, private lessons.	15 00 per term.
Use of piano, one hour per day	3 50 per term.

One-half of tuition must be paid in advance, balance at the end of term.

No deduction will be made on account of absence from recitations, excepting in cases of prolonged sickness; then the loss will be shared equally between student and teacher.

Certificates of proficiency will be given.

No charge is made to the students for the following work:

The Preparatory Department will receive instructions in Vocal Music once a week.

Collegiates, vocal instruction once a week.

Advanced scholars in music, harmony once a week.

The Philharmonic Society has drill in chorus singing, once a week.

The Concordia Society, composed of members advanced in vocal music, has drill in chorus singing, twice a week.

Orchestra meets for practice twice a week.

PREPARATORY COURSE.

Students are not admitted into this department until they have become thoroughly familiar with the fundamental principles of Arithmetic, viz: Addition, Subtraction, Multiplication, Division, and first in order and in importance, notation and numeration. In reading, they must be able to understand and intelligently render specimens of the grade of the Fourth Reader, must have a knowledge of Primary English Grammar, Primary Geography, the rudiments of penmanship and the spelling of ordinary words of the grade of the Fourth Reader.

In reading, the aim will be first, to develop in the student a full, complete and definite idea of the meaning of the sentence; second, to obtain from the student a natural, easy and graceful expression of the entire thought, as expressed in the sentence.

Spelling will be required of students throughout the entire course, and an endeavor made to secure the correct use of letters and other marks in the formation of every word used.

English Grammar will be taught by requiring the students to form sentences of their own, as well as to analyze those of others. Thus Grammar and Composition will go hand in hand. The student will gradually be led from the simplest constructions to those the most difficult and abstruse. The instruction of the C class will be oral, but as the comprehension of the student enables him to use books to advantage, they will be placed in his hands.

In Arithmetic, processes precede principles, and the object will be to obtain first, a full understanding of methods, then accuracy in work and finally rapidity. The old German pro-

verb "make haste slowly" will be observed. Each recitation will be conducted both orally and in writing.. The subject will be taught both as an art and a science.

Arithmetic is completed in the A year.

Algebra is taught only in the Sub-Freshman class. Students are required faithfully to master everything to equations of the second degree. Much parallel and collateral work is given.

Oral geography will begin in the C class, with map drawing and familiar lessons concerning known localities, and as the comprehension of the student enables him to use text books to advantage, they will be placed in his hands. Map drawing will be continued until the course is finished.

United States History occupies the entire year, at the close of which, a rigid examination is had upon the entire ground. It is only required in the English course.

Drawiug is only required in the Scientific, Agricultural and Engineering courses. It will be taught only as applied to mathematics and sciences.

French and German are required in the same courses. The elementary principles of the languages are first taught. The student is then exercised in making translations, both oral and written, from these languages into English and *vice versa*.

The course in Latin is two years, including the thorough mastery of the 1st and 2nd books of Cæsar's Commentaries, as well as the principles of the grammar. The same system of translations as pursued in German and French will be required. Its study is confined to the Classical course.

Greek will be taken up in the Sub-Freshman class, the inflections of the words, the construction of sentences, and translating from Greek to English and from English to Greek required.

TEXT BOOKS.

Reading—Appleton.	Penmanship—Spencerian.	English Grammar—Reed & Kellogg.
Arithmetic—White.	Geography—Monteith.	Latin.
French.	German.	Algebra—Peck.
English Composition—Hart.		Greek.
		United States History—Ridpath.

GENERAL INFORMATION.

This institution was established in accordance with an Act of Congress, making a grant of land for its benefit, and in accordance with an Act of the General Assembly of this State, carrying out the object of said grant.

AIM OF THE UNIVERSITY.

The aim of the University is to comply strictly with the Acts of Congress and the General Assembly of this State, in providing for and establishing it; and in order to this end, the University is "to teach such branches of learning as are related to agriculture and the mechanic arts, without excluding other scientific and classical studies, and including military tactics."

LOCATION.

The Arkansas Industrial University is located within the corporate limits of the town of Fayetteville, Washington county. The location is thought to be unsurpassed by any other locality in the State, in salubrity of climate, beauty of surrounding scenery, fertility of soil, variety and perfection of agricultural and horticultural productions, and in the morality and intelligence of its people.

TERMS AND VACATION.

The Scholastic year of the University consists of two terms of thirteen weeks each, and one term of fourteen weeks. There is a vacation of one week at Christmas, but no vacation between terms.

The terms commence and end as indicated by the following:

CALENDAR FOR THE SCHOLASTIC YEAR 1880-81.

The Autumn Term will commence on the 6th of September, 1880, and close December 3, 1880.

The Winter Term will commence December 6, 1880, and close March 6, 1881.

The Spring Term will commence March 9, 1881, and close June 11, 1881.

DEMERIT AND GRADING SYSTEM.

All violations of University Law, and all neglects of duty, bring upon the student a certain number of demerits proportional to the gravity of the offense, and 200 of these demerits will dismiss him. Every recitation of each student is marked according to its merit, using 100 as the maximum, and the average of all these marks is compounded with the examination and conduct marks, so as to determine the general or final average, and in making up the averages, each study counts in proportion to the number of recitations for the week, while conduct counts with the study taken the greatest number of times per week.

Each demerit received for the term takes off one-half of one from the deportment mark, thus, if a student have ten demerits, his deportment mark will be 95, which counts as a study mark.

The first man in each class of the Collegiate Department is indicated in the catalogue by the number 1, and the second by number 2, etc., etc.

REQUIREMENTS.

UNIFORM.

FOR LADIES.

For Spring and Autumn, gray dresses, white aprons, and blue gingham sun-bonnets.

For Winter, black dresses, white aprons, scarlet zephyr hoods, and black wraps. Sailor hats for Sabbath wear in all seasons.

Such fabrics as silks and satins will not be tolerated.

FOR GENTLEMEN.

A neat suit of gray jeans, with brass buttons, black trimmings. This dress is obligatory on all males.

The following is the description :

COAT—(Full Dress) ; Frock, of gray material ; jeans, single breasted ; nine buttons in front, four buttons on skirt in rear, three small buttons on each cuff. The skirt to extend from one-half to three-fourths the distance from the hip-joint to the bend of the knee. Coat to be piped with black ; standing collar, not less than one nor more than two inches in width, of black cloth, cut square to hook close in front. Skirt of coat, on each side of spring behind, to be faced with black cloth ; two bands of black cloth, one-half inch in width, and one inch apart, on each sleeve, two and one-half inches from the end.

BLOUSE—(For Squad and Company Drill, and other duty when authorized by proper authority, and for ordinary wear) : A sack coat of a good article of gray jeans, falling collar, single breasted, with five buttons in front, and three on each cuff ; the skirt to extend from one-third to two-thirds of the distance from the hip-joint to the bend of the knee ; no outside pockets ; piped with black.

PANTALOONS—To be gray jeans, same material as coat, with stripe of black cloth one inch wide down outside seam.

FORAGE CAP.—Dark blue cloth, according to pattern, with initials “A. I. U.,” surrounded by wreath, all in silver.

Cadets acting as officers and non-commissioned officers shall be designated by the following badges :

CAPTAIN—Chevrons of four bars of black cloth one-half inch in width, on each arm above the elbow, point up.

LIEUTENANT—Chevrons of three bars, same material and pattern.

ADJUTANT.—The Lieutenant’s chevron with an arch.

QUARTERMASTER—The Lieutenant’s chevron with a horizontal bar.

SERGEANT—Chevrons of two bars, same material and pattern.

FIRST SERGEANT—Sergeant’s chevron, with a lozenge.

COLOR SERGEANT—Sergeant’s chevron, with a star.

CORPORAL—Chevrons of one bar, same material and pattern.

COLOR CORPORAL—In addition to Corporal’s chevrons, will wear upon both sleeves a star of black cloth two inches in diameter.

Such uniform can be obtained in Fayetteville, and will be found more healthful and cheaper than ordinary clothing.

Students in all departments of the University are required to pursue not less than three distinct studies, and no student can drop or change studies without permission of the Faculty.

All beneficiary and normal students should be present at the opening of the Autumn Term ; and unnecessary delay, either of old students in returning or of new ones reporting, will lead to the forfeiture of their appointments. The strictest attention to study, and most exact punctuality in attendance on recitations, and all other duties, are made the conditions of every student’s continuance at the University.

RELIGIOUS AND MORAL CULTURE.

Religious services are held every morning and evening in the chapel.

All students are required to attend these exercises, and also to attend the Bible Class, the exercises of which are held in the chapel on Sunday. Opportunities are afforded for attending church, and students are expected to attend the one of their choice at least once on the Sabbath.

Will parents see that their children are furnished with Bibles on leaving home for the University?

EXPENSES.

Board, including fuel, lights and washing, is obtained from \$8 to \$12 per calendar month.

Day boarding can be had for \$5 a month.

All Beneficiary and Normal Students, on entering the Preparatory Department, and all *new* students, on entering any of the Collegiate Departments, are required to pay a matriculation fee of \$5.

Tuition is free in all the departments of the University proper. Students entering the Preparatory Department, without either Normal or Beneficiary appointments, are required to pay a tuition fee of \$10 per term, invariably in advance.

No student will be enrolled till all fees are paid.

Text books can be purchased in Fayetteville at publisher's prices.

BOARDING HOUSES.

Students are required to board at such places as are selected by the Faculty, and are under the supervision of the President of the University. No change of boarding-house will be allowed, except at the end of each term, unless under extraordinary circumstances, nor without the permission of the President. This regulation does not apply to students who are residents of Fayetteville, but the parents of such students are expected to see that they conform to the regulations of the University.

LABOR.

An unlimited amount of remunerative labor cannot be promised; yet as much as possible will be provided for such as desire to work. While it is true that several students have paid their entire expenses in school by labor, it was done only by the closest economy. So far as the finances of the University will permit, labor will be made remunerative; the rate of wages being fixed from two to ten cents per hour, according to the character of the work performed and the efficiency of the worker.

MEANS OF REACHING THE UNIVERSITY.

Students may reach Fayetteville from the South by a daily line of stages from Alma, also from Van Buren and Fort Smith by daily lines of stages; and from the North by daily lines of stages from Pierce City and Neosho. Students on arriving at Fayetteville must report at once to the President of the University, and will be held responsible for their conduct from the time of their reaching Fayetteville, as much so as if already enrolled.

DEGREES.

Students who have successfully completed the Classical Course are entitled to the degree of Bachelor of Arts; those who have completed the Scientific Course, to the degree of Bachelor of Science; those who have completed the course of Agriculture, to the degree of Bachelor of Agriculture; those completing the course of Civil or Mining Engineering, to the degree of Civil or Mining Engineer; those completing the course of Latin Letters, to the degree of Bachelor of Latin Letters; those completing the course in Modern Languages, to the degree of Bachelor of Letters; those completing the course of English Letters, to the degree of Bachelor of English Letters.

Satisfactory examinations are required in all the studies of the several courses, in order to obtain the recommendation of the Faculty for the degrees indicated.

PRIZES.

The Board of Trustees, at their June meeting,

Resolved—That a gold medal be offered for the best declamation delivered by not more than four competitors among the *gentlemen* of the Sophomore Class; also a gold medal for the best essay by a *lady* of the Sophomore Class; also a gold medal for the best *original* speech delivered by competitors, two from the Junior, and two from the Senior Class—all to be elected by the Faculty.

Said medals to be awarded by the judges selected by the Board of Trustees.

Mr. B. H. Stone, of Fayetteville, gives annually a gold medal, valued at \$25, for the best essay written by a student of the University; the Faculty of the University selects the subject, and prescribes the method of competition.

The members of the Board of Trustees have also offered prizes in cash on competitive examination among the students taking the Agricultural Course. For the best essay "on the agricultural resources of the State," the first prize will be \$25, for the second best, the prize will be \$10.

D. Appleton & Co., of New York, offer a prize of \$25 to that Senior who has taken the highest standing in Mathematics during the four years of the Collegiate Course.

LIBRARY AND READING ROOM.

The University Library, though at present small, comprises some valuable works, and additions are constantly being made. The last Legislature made an appropriation of \$1,000 for this purpose, and about 350 new volumes have been added this year. Nearly all of the newspapers of the State are kept on file in the Library, and students have access to them as well as the books, at certain hours each day. No Library fee is charged.

LITERARY SOCIETIES.

Two Literary societies ("Mathetian" and "Philomathean") have been organized by students of the College Department

proper, and are in successful operation ; the later is composed exclusively of young gentlemen. The Preparatory Department, also, has four societies, the "Phamakopton," the "Euan-dric," the "Cleosophic," and the ———, each of which does good work.

CONTRIBUTIONS.

Contributions are solicited for our Library, Reading Room, Laboratory and Museum.

Any book, paper or manuscript of historical or other value ; any piece of chemical, philosophical or mechanical apparatus ; any ores, crystals, precious or valuable stones, vegetable or animal fossils, or any other thing that will be a source of information to our students, will be thankfully received.

We hereby designate and request County Superintendents of Public Schools to take charge of and forward to the University, by students or others who may be coming, any of the above named donations.

We shall be glad to receive and file all daily and weekly newspapers of the State, also the religious newspapers which may best represent the several religious denominations of the country.

CONTRIBUTIONS TO COLLECTIONS.

The following contributions have been made to the Museum and Cabinets during the year :

Native silver and copper (very fine), E. C. Freyschlay, Butte, Montana.

Silver ore, Los Aminosbo, Col., F. B. Choplin.

Ores from Montgomery, Drs. Hughes and A. Jones.

Zoological specimens, Messrs. Langford, Kitchens and Ellis.

Brain coral, amethyst (copper native) etc., T. D. Ross.

Shells from Gulf of Mexico, Miss Minnie Boles.

Fossil shell, from Washington county, Master Skelton.

Fossil Furoid, Washington county, Miss Artelee King.

Fossil Cephalopod, from Texas, S. P. Pittman.

The Scientific Department is under obligations to Col. A. W. Soper, Col. J. N. Conger and Col. Theo. Hartman for passes over their respective railroads, by means of which the Professors can visit other portions of the State, and collect material for the Museum.

READING ROOM.

The following named papers and periodicals have been furnished to the Library of the University, either by the publishers or by the persons whose names are annexed to them :

Wheeler's Independent, Fort Smith, Ark.

Spirit of Arkansas, Little Rock, Ark.

Russellville Democrat, Russellville, Ark.

Randolph Scalpel, Pocahontas, Ark.

The Forrest City Courier, Forrest City, Ark.

Southwestern Presbyterian, New Orleans, La.

Weekly World, Helena, Ark.

The Argus, Van Buren, Ark.

Official Gazette of U. S. Patent Office, Washington, D. C.

Weekly Arkansas Democrat, Little Rock, Ark.

Farmers' Review, Chicago, Ill.

Fort Smith Elevator, Fort Smith, Ark.

White County Beacon, Searcy, Ark.

Weekly Arkansas Gazette, Little Rock, Ark.

Batesville Guard, Batesville, Ark.

The College Quarterly, Ames, Iowa.

Ozark Democrat, Ozark, Ark.

The Monticellonian, Monticello, Ark.

Logan County Enterprise, Booneville, Ark.

Lonoke Democrat, Lonoke, Ark.

Independent Arkansian, Dardanelle, Ark.

Harrison Times, Harrison, Ark.

Musical Record, Boston, Mass.

Arkansas Sentinel, Fayetteville, Ark.

Sunday School Union.

Howard County Telephone, Center Point, Ark.

Charlotteville Chronicle, Charlotteville, Va.
 Prescott Despatch, Prescott, Ark.
 Fayetteville Democrat, Fayetteville, Ark.
 Marianna Index, Marianna, Ark.
 Western Immigrant, Dardanelle, Ark.
 Malvern Meteor, Malvern, Ark.
 Van Buren Press, Van Buren, Ark.
 The State, Morrillton, Ark.
 Log Cabin, Conway, Ark.
 Waldron Reporter, Waldron, Ark.
 The New Departure, Carlisle, Ark.
 Industrial Advocate, Ozark, Ark.
 Paris Express, Paris, Ark.
 Southwestern Press, Washington, Ark.
 Central Presbyterian, Richmond Va.
 American Journal of Education, St. Louis, Mo.
 The following is a list of periodicals purchased for library

reading :

St. Nicholas.
 Littell's Living Age.
 North American Review.
 Popular Science Monthly.
 Harper's and Scribner's Magazines.
 American Journal of Mathematics.
 Van Nostrand's Engineering.
 Scientific American.
 Sunday School Times.
 American Naturalist.
 Chemical News.

SUMMARY PERIODICAL LITERATURE.

Magazines, Monthlies.....	8
Magazines, Weeklies	3
Newspapers.....	40

ANALYSES MADE AT THE LABORATORY IN 1880.

ANALYSIS.	SUBSTANCE.	FOR WHOM.	LOCALITY.
Qualitative.	Minerals.	C. G. Thompson.	Benton county.
"	"	Jones & Isamonger.	Randolph county.
"	"	Dr. A. Jones.	Montgomery county.
"	"	W. O. Hardiman.	Carroll county.
		Mr. C. Leach.	Washington county.

CABINET AND MUSEUM.

The collections, in these, are yet inconsiderable, but they are slowly increasing.

APPARATUS.

The University has been supplied with some excellent philosophical apparatus. Other additions will be made to this, and also to the chemical department, which is already in efficient operation.

APPOINTMENT OF BENEFICIARIES.

All appointments should be completed, if possible, before the opening of the autumn term. The County Judges, who make the appointments, should prepare duplicate notifications of appointment, one of which will be forwarded to the President of the University, and one to the Secretary of the Board of Trustees; and in case the appointee fails to appear at the University within twenty days after appointment (except in case of sickness), he or she will be regarded as having declined the appointment, in which case it will be the duty of the President of the Faculty to notify the person making the appointment of such a failure, who will make another appointment as soon thereafter as possible, and such other appointee will be required to appear at the University as soon thereafter as possible. The President of the Faculty shall continue to notify appointing officers till their respective number of appointees make their appearance at the University.

NUMBER OF BENEFICIARIES.

It is provided in Section 18 of the Act of the General Assembly, establishing the University, that the Board of Trustees shall have power to "prescribe the grade and number of scholarships, and prescribe the rules by which scholars who are to be admitted free shall be elected equally from the various parts of the State." They have, therefore, made provisions for 350 Beneficiaries, who will be entitled to four years free tuition, and 237 Normal students, who are also entitled to four years free tuition, who are apportioned among the several counties according to their respective populations by the United States census of 1870, which apportionment is as follows:

COUNTIES.	No. of Beneficiaries entitled to.	No. Normals entitled to.	Vacant Beneficiaries.	Vacant Normals.	COUNTIES.	No. of Beneficiaries entitled to.	No. Normals entitled to.	Vacant Beneficiaries.	Vacant Normals.
Arkansas.....	3	2	3	2	Lee.....	3	2	1	0
Ashley.....	4	3	3	3	Lincoln.....	4	3	2	3
Baxter.....	3	2	3	2	Little River.....	3	2	3	2
Benton.....	10	6	6	3	Logan.....	3	2	1	2
Boone.....	3	2	3	2	Lonoke.....	3	2	3	1
Bradley.....	4	3	4	3	Madison.....	4	3	3	3
Calhoun.....	3	2	3	3	Marion.....	3	2	2	2
Carroll.....	3	2	0	2	Miller.....	3	2	3	2
Chicot.....	6	4	6	6	Mississippi.....	3	2	1	2
Clark.....	7	5	6	5	Monroe.....	6	4	3	4
Clay.....	3	2	3	2	Montgomery.....	2	1	2	1
Columbia.....	6	4	5	4	Nevada.....	3	2	1	2
Conway.....	4	3	2	3	Newton.....	3	2	3	2
Craighead.....	3	2	2	2	Onachita.....	9	6	9	6
Crawford.....	6	4	6	4	Perry.....	2	1	1	1
Crittenden.....	3	2	3	2	Phillips.....	9	6	5	5
Cross.....	3	2	2	2	Pike.....	3	2	3	2
Dallas.....	3	2	2	2	Poinsett.....	2	1	2	1
Desha.....	3	2	2	2	Polk.....	3	2	3	2
Dorsey.....	3	2	3	2	Pope.....	6	4	6	4
Drew.....	6	4	4	4	Prairie.....	6	4	6	4
Faulkner.....	3	2	2	1	Pulaski.....	21	14	16	14
Franklin.....	6	4	3	4	Randolph.....	4	3	4	3
Fulton.....	3	2	3	2	Saline.....	3	2	3	2
Garland.....	3	2	0	1	Scott.....	4	3	1	3
Grant.....	3	2	3	2	Searey.....	3	2	3	2
Green.....	4	3	4	3	Sebastian.....	9	6	8	7
Hempstead.....	9	6	6	6	Sevier.....	3	2	3	2
Hot Spring.....	4	3	4	3	Sharp.....	4	3	3	3
Howard.....	3	2	1	1	St. Francis.....	4	3	2	3
Independence.....	9	6	8	6	Stone.....	3	2	2	2
Izard.....	4	3	4	3	Union.....	7	5	5	4
Jackson.....	4	3	3	3	Van Buren.....	3	2	3	2
Jefferson.....	10	7	5	6	Washington.....	13	8	3	0
Johnson.....	6	4	5	4	White.....	7	5	6	5
Lafayette.....	3	2	3	2	Woodruff.....	6	4	4	4
Lawrence.....	4	3	4	3	Yell.....	6	4	4	4

There is also "one Honorary Scholarship" to each county to

be selected for superior merit and proficiency from the public schools of each county, according to Section 2, of Act July 23, 1868.

A SPLENDID OFFER.

The Trustees of the Arkansas Industrial University have fitted up the old building as a steward's hall. A steward has been elected, who will receive at his table thirty-eight students in the building, at reduced rates, at — per month, giving them good, healthy, but not luxurious food. There will be a saving to each boarder of about \$60 in the session. Students who expect to get into the steward's hall, must be on the ground the first of September.

DEPOSIT FUNDS.

Each student, on matriculating, will be required to deposit with the Secretary of the Board of Trustees the sum of five dollars, which will be returned when the one making the deposit shall have had an unbroken connection with the University for three entire terms, or one full scholastic year.

All students in Chemistry are required to make a deposit of \$10 with the Secretary of the Board, to pay for chemicals, breakage, etc. So much of this sum as may be left after this outlay has been met, will be returned to each student.

PROPERTY AND FUNDS.

The property of the University consists of the proceeds of the munificent grant of land by Congress, the bonds of Washington county, and the town of Fayetteville, the appropriations made by the State, and the University farm and lands—amounting in all to \$300,000 in value.

The bonds of the county of Washington, \$100,000, and of the town of Fayetteville, \$30,000, payable thirty years from date, with interest at the rate of eight per cent. per annum, have by the action of the Board of Trustees, become a portion of the permanent endowment of the University, and will be scrupulously held for that purpose.

ENROLLMENT.

Attention is called to the following resolution of the Board of Trustees :

Resolved, That the President of the Faculty require every student who appears at the University, to at once repair to the Secretary of the Board for enrollment, and that during the first week in each term he furnish the Secretary with a complete roll noting all Beneficiaries and Normals, and those in the Collegiate courses, and that no student be allowed to recite with any class, or enter the University until properly enrolled.

DEPORTMENT.

The Faculty may refuse to receive any applicant for admission into the University, until he can prove a good moral character, and whenever they are satisfied that the longer continuance of any student in the University is not beneficial to himself, or is injurious to his fellow-students (even though he may be guilty of no gross violation of the College law), they may write his parents or guardian to withdraw him, and may proceed to dismiss him, should the request not be complied with.

DISCIPLINE.

It will be the aim of the Faculty, by kindness and good counsel, rather than by harshness and coercion, to induce the students to walk in the paths of rectitude. The Roll is gone over every week, and when a student is reported for neglect of study or moral delinquency, he is first interviewed by the President. Should there be no reform, the parent or guardian is notified that his child or ward is not doing well. If these measures fail to correct the evil, the pupil is quietly withdrawn. In cases of flagrant offenses, such as drunkenness and rowdyism, discipline will be prompt and summary. Parents may rest satisfied that the University will not be permitted to become a nursery of vice and idleness.

As discipline to be effective must be uniform, just, impartial and *final*, no appeals need be made after a decision of the Faculty, to procure a reversal of that action, unless new evidence can be produced or clear proof can be given of error in the testimony upon which the decision was produced.

WITHDRAWAL OF STUDENTS.

Parents, or guardians, who wish to withdraw their children or wards from the University, should write to the President of the Faculty, stating their wishes. Unworthy students, sometimes, deceive the Faculty by pretending that their parents desire them to return home. No honorable discharge will be given to a student under age, who is unable to produce the written application of his parent or guardian for his withdrawal.

FORMS OF NOTICE

Of Appointment of Beneficiary and Normal Students.

As much trouble and annoyance is caused by students who have been appointed as Beneficiaries or Normals coming without any evidence of appointment, the following are adopted as the proper forms of notice to be given by the Judge of the County Court to the President of the University, and the Secretary of the Board of Trustees, upon the appointment of Beneficiary and Normal Students by the County Court, or the Judge thereof; in accordance with the sixth section of an act approved March 6, 1875:

[Form 1—Appointment.]

No. (To be given to the student).

ARKANSAS INDUSTRIAL UNIVERSITY.

To Whom it may Concern:

I hereby appoint..... of
 County, State of Arkansas, as a Beneficiary (or Normal, as the case may be), to the
 Arkansas Industrial University.

Given under my hand, this day of, 188 ..

Send a notice like the following to the President of the
 University, and one to the Secretary of the Board of Trustees
 at Fayetteville:

[Form 2—Notice to President of University.]

No.

ARKANSAS INDUSTRIAL UNIVERSITY.

..... ARKANSAS. }
 188 .. }

To the University:

I hereby notify you that I have this day appointed
 of County, State of Arkansas, as a Beneficiary (or Normal, as
 the case may be), to the Arkansas Industrial University.

Given under my hand, this day of, 188 ..

AN ACT

To Regulate the Sale of Ardent Spirits Near the
Arkansas Industrial University.

Be it enacted by the General Assembly of the State of Arkansas:

SECTION 1. That it shall be unlawful for any person to sell or give away vinous or ardent spirits within three miles of the Arkansas Industrial University, except the same be for medical purposes, as hereinafter provided.

SEC. 2. *Be it further enacted*, That no person shall sell or give away any vinous or ardent spirits within three miles of said University, unless he be a regular practicing physician, and not until he has signed and sworn to an affidavit before the county clerk of Washington county, and shall have the same duly recorded, which affidavit shall be in the following form: I, ———, do solemnly swear that I am a regular practicing physician; that I will not sell or give away any vinous or ardent spirits to any one unless it be for medical purposes, and believe the kind and quantity will be beneficial in the treatment of the disease under which the patient is suffering.

SEC. 3. *Be it further enacted*, That no one shall be excused from the penalty of this act who may, contrary to its provisions, sell, or cause to be sold, intoxicating drink, by reason of its being put up as bitters, mixed with drugs, or vended as a medicine, except as provided in the foregoing sections.

SEC. 4. *Be it further enacted*, That any person violating any of the provisions of this act shall be deemed guilty of a misdemeanor, and for each offense shall be fined not less than ten nor more than two hundred dollars, and this act shall take effect and be in force from and after its passage.

Approved March 6th, 1875.

BRANCH
NORMAL COLLEGE
AT
PINE BLUFF.

The Branch of the Normal Department of the Arkansas Industrial University was established by the General Assembly for the purpose of securing an adequate supply of properly trained teachers for the colored public schools of the State. Its terms, course of study, sessions, etc., correspond with those of the Normal Department at Fayetteville, and each county judge is entitled to appoint as many colored beneficiaries to the institution at Pine Bluff as his county is allowed, under the appointment, to send white ones to Fayetteville; consequently the two classes of appointments do not interfere with each other. The expenses of a student at Pine Bluff, for board and washing, need not exceed \$12 per month, and a number of those who have heretofore attended have managed to reduce their expenses very materially by labor.

For further information address the Principal,

PROF. J. C. CORBIN,
Pine Bluff, Ark.

Medical Department.

(Little Rock, Ark.)

SESSION OF 1880-81

PROFESSORS.

P. O. HOOPER, M. D.,
Practice of Medicine, and President of the Faculty.

EDWIN BENTLEY, M. D.,
Institutes and Practice of Surgery.

A. L. BREYSACHER, M. D.,
Obstetrics and Diseases of Women and Children.

JAS. A. DIBRELL, JR., M. D.,
General, Descriptive, and Surgical Anatomy.

JOHN J. MCALMONT, M. D.,
Materia Medica and Therapeutics.

JAMES H. SOUTHALL, M. D.,
Institutes of Medicine.

ROSCOE G. JENNINGS, M. D.,
Clinical Surgery and Dermatology.

CLAIBOURNE WATKINS, M. D.,
Medical Chemistry and Toxicology.

L. P. GIBSON, M. D.,
Demonstrator of Anatomy.

LECTURERS OF SPECIAL DEPARTMENTS.

T. E. MURRELL, M. D.,
Ophthalmology and Otology.

GEO. C. HARTT, M. D.,
Hygiene and Botany.

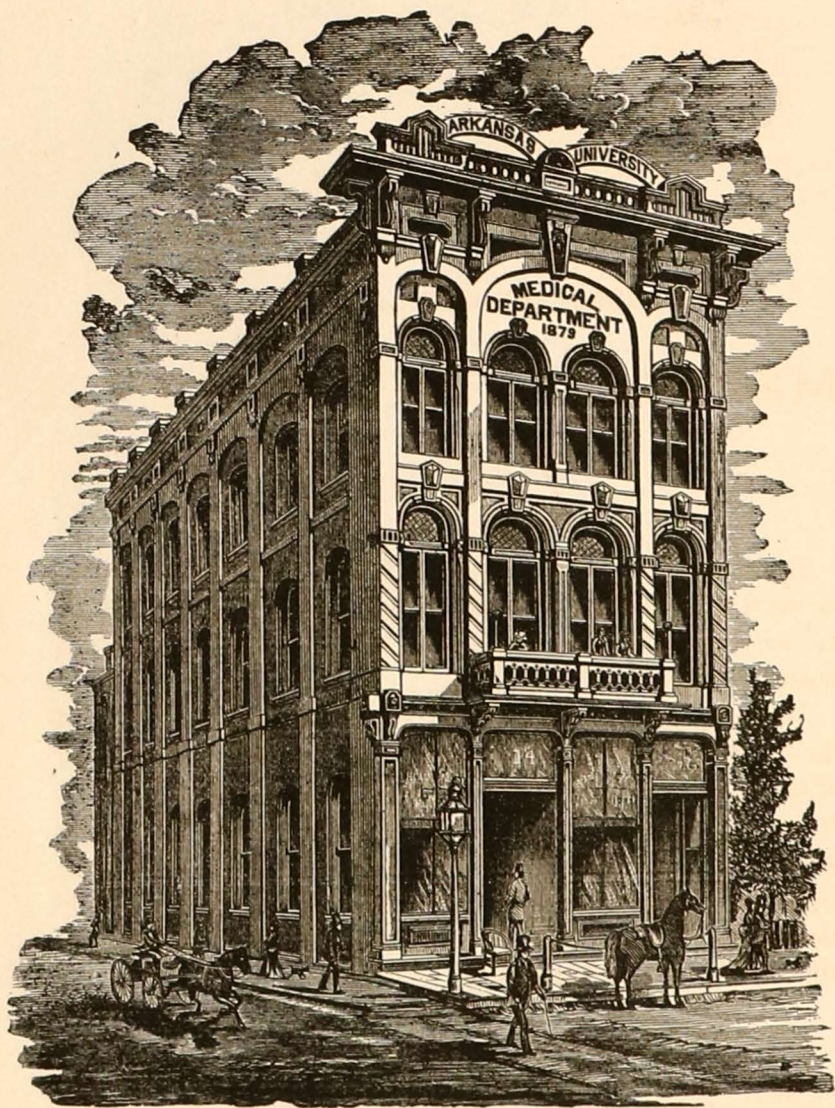
JAMES H. LENOW, M. D.,
Diseases of Genito-Urinary Organs.

JOHN M. PIRTLE, M. D.,
Diseases of Children.

JOHN WATERS, M. D.,
Clinical Medicine and Prosector of Anatomy.

LOUIS AUGSPATH, D. D. S.,
Oral Surgery.

John Lineham, Janitor at the College, on Second, between Main and Louisiana Sts.
All communications should be addressed to R. G. JENNINGS, M. D., Secretary of Faculty, Little Rock, Ark.



SECOND ANNUAL ANNOUNCEMENT.

OF THE

ARKANSAS INDUSTRIAL UNIVERSITY.

MEDICAL DEPARTMENT.

The Trustees of the Arkansas Industrial University have deemed it expedient to establish a Medical Department, to be located at the city of Little Rock, the Capital of the State.

This Department is designed to afford the young men of the State and surrounding country facilities for the study of the science of medicine, and all its collateral branches, at home, without the great expense incident to long distances of travel, and additional outlay unavoidable to students attending a course of medical lectures abroad. It is also believed that Arkansas offers unusual advantages for obtaining a thorough medical education.

LOCATION.

Little Rock is situated near the centre of the State. It has now direct railway communication with North, South, East and West. Other roads are in process of construction or projected, so that within a very limited period, railroads will centre in Little Rock from all sections of the State.

The city has, also, during one-half the year, splendid water communication. It has a population of nearly 25,000. It is built upon the south bank of the Arkansas River, upon a high, undulating bluff. Its drainage, therefore, is natural and perfect, and its healthfulness superior to any city west of the Mississippi River. In it epidemics of any character are unknown.

The Deaf Mute and Blind Asylums, State institutions, are located here.

SESSION OF 1879 AND '80.

The First Course of Lectures commenced the first week in October, 1879, and continued to the 3d day of March, 1880, and although a new institution, laboring under many difficulties, as all new departures generally do, we had *twenty-two* regular matriculates; *one* of whom received the degree of *Doctor of Medicine*.

The Class was largely composed of students who had already been engaged in the practice of medicine, some for several years, and who, but for the establishment of a Medical College at home, would, in all probability, never have been stimulated to acquire a practical knowledge or even the fundamental principles of Medicine, but pursued the practice, as has been the custom heretofore, regardless of consequences.

COLLEGE BUILDING.

We are unable to present any magnificent and imposing edifice as the *Medical Department Building*, whose vastness and grandeur are calculated to inspire wonder and admiration in students.

However, a large and commodious brick structure with iron and stone front, thoroughly modernized, and conveniently situated, has been purchased, and its internal arrangements remodeled, for the express purpose of a College building. It is in all respects well adapted for practical instruction.

HOSPITAL.

The Hospital, under the management of the Ladies' Benevolent Association of the City of Little Rock, will afford ample material for all kinds of clinical instruction in medicine and surgery. The sick, injured and afflicted flock to this institution during the fall, winter and spring months from every section of the country, and students will have an excellent opportunity to observe and study disease in all its various phases; as, also, to witness a large number of surgical operations.

The construction of a new City Hospital is in contemplation. This will increase the advantages of students.

ANATOMY.

The General Assembly of the State of Arkansas passed an act legalizing dissection in the winter of 1873. This act is a generous one. No State in the Union possesses a more liberal provision for the prosecution of the study of anatomy. Any amount of material can be procured *legally*, with but a nominal expense to the student. This item alone is one of no small consideration to any zealous laborer in this Department.

CLINICS.

The past session has demonstrated the fact that there is an abundance of material in the city of Little Rock and surrounding country for all kinds of clinical instruction.

There will be a surgical clinic twice per week, which in the number and variety of operations performed will compare favorably with any of our larger institutions.

The Eye and Ear Clinic is particularly instructive and will embrace a very extended variety of diseases in this special department.

There will also be a Gynaecological Clinic. Clinical Medicine will receive special attention, and cases of all kinds of diseases will be practically exhibited and the treatment in each instance given.

DISPENSARY.

The Faculty have established a Dispensary, in connection with the College, where Clinics will be held daily, and advanced students will have the benefit of Examining and Prescribing, under the direction of the Professors. This will afford facilities for practical instruction seldom offered at many other institutions.

COURSE OF LECTURES.

The Fall Course of Lectures in the Medical Department of the University will commence on Wednesday, October 6th, 1880, and continue five months.

These Lectures will be so arranged as to time, as to afford the student the greatest possible advantage. They will have an opportunity to prepare themselves upon the subject of each Lecture.

PROSPECTS.

The Medical Department of the Arkansas Industrial University take an unusual degree of pleasure in making known to the *Medical Profession* of the Trans-Mississippi section of country the unparalleled success they have met with the past year, and to assure its friends and supporters that our next course of Medical Lectures will double if not treble our number of present matriculates. Starting *de novo*, unaided, and upon an extremely limited notice to the public, it has received a liberal patronage, which the character of the instruction, and the opportunities offered, have proved advantageous to all concerned. The number of communications daily received, for special information; the number of students that have access from time to time to the Medical College building, together with our unsurpassed geographical centre, insures to this College an unusually large number of matriculates at its ensuing session. The Faculty cognizant of this situation and not unmindful of the necessity of being fully prepared for the contingency of an extra large session, have already given

instruction for the improvements in the internal arrangement of the building to meet the exigency of the occasion. We do not pretend to offer students any advantages beyond those of a practical nature, but assure them, in advance, that our terms will be in every essential particular strictly adhered to. We would, however, request the medical students of the South and West to come here and see for themselves before they go elsewhere.

FACULTY.

The Faculty is composed of medical gentlemen, residents of the city of Little Rock, who are well known, and who are personally well qualified for the position they have individually been elected to fill. They are earnest workers in the cause of Medical Science, and will labor zealously to build up a Medical Department that will reflect honor upon the State.

GRADED SYSTEM.

The Medical Department of the University have determined to establish a *Voluntary Graded Course* of three years. A number of Medical Colleges having extended the term of instruction an additional year, and as it will be the policy of this Department not only to conform to the demands of the times, but in each and every particular to keep full pace with the requirements exacted of the oldest institutions in the country, it has been decided to inaugurate, at once, the system of a three years' graded course. No student will, therefore, receive a diploma unless he is thoroughly qualified in every branch of the course. Students who have had the most thorough preparation, and who satisfy the Faculty of their being well qualified for graduation, after a searching examination, will be granted a diploma when they have attended two full courses of Lectures, and have pursued their studies the full term of three years.

FIRST YEAR.

Anatomy ; Practical Anatomy ; Physiology ; Chemistry.

SECOND YEAR.

Anatomy, Surgical and Practical ; Practical Physiology ; Chemistry ; Materia Medica and Therapeutics ; Clinical Medicine and Surgery.

THIRD YEAR.

Surgery ; Practice of Medicine ; Obstetrics and Gynecology ; Materia Medica and Therapeutics ; Ophthalmology ; Clinical Medicine and Surgery.

At the end of each term examinations will be held in these Departments, and certificates of proficiency will be given to those who are qualified.

This plan of instruction is earnestly desired. Students who prefer to continue their studies on the repetitional system, can do so, but the Faculty strongly urge upon those whose means and opportunities permit, to avail themselves of the increased advantages afforded by the Voluntary Graded Course.

TEXT BOOKS.

The Faculty would recommend one or other of the following text-books in the several Departments :

SURGERY—Gross, Hamilton, Ashhurst, Holmes, Erichsen, Agnew, Bryant, Gant, Billoth and Esmarch.

THEORY AND PRACTICE—Flint, Niemeyer, Bristowe and Aitkin.

MATERIA MEDICA AND THERAPEUTICS—National Dispensatory, H. C. Wood and Biddle.

ANATOMY—Gray, Wilson, Leidy, MacLise's Surgical Anatomy.

CHEMISTRY—Atfield's, Fowne's, Roscoe Tyson on Urine, Reese's Manual of Toxicology.

PHYSIOLOGY—Dalton, Carpenter, Flint, Kirke's Manual.

OBSTETRICS AND DISEASES OF CHILDREN—Leishman, Playfair, Byford, Cazeaux, Schroeder, Meggs and Pepper on Children.

DISEASES OF WOMEN—Thomas, Barnes, Peaslee.

DISEASES OF EYE—Wells, MacNamara.

DISEASES OF EAR—Roosa.

GENITO URINARY ORGANS—Bumstead, Van Buren.

DERMATOLOGY—Fox, Duhring, Wilson.

FEES.

Professor's Tickets.....	\$50 00
Matriculation Ticket (only paid once).....	5 00
Demonstrator's Ticket	5 00
Hospital Ticket.....	3 00
Graduation Fee.....	25 00

Fees for Professors' Tickets and Matriculation must be paid on entering. For graduation, students are not required to present, for the present, either the Practical Chemical or Practical Physiological Ticket, but the Faculty trust that students' preceptors, realizing the importance of this work, will insist upon their pupils availing themselves of the advantages of these Departments.

BOARD, ETC.

Boarding can be procured in private families as cheap in Little Rock as in any other city in the country.

CATALOGUE OF STUDENTS.

Class of 1879-80.

NAME.	STATE.
Allen, Samuel W.....	Arkansas
Barnard, Trenton.....	Illinois
Carroll, David C.....	Arkansas
Collins, Albert H.....	Arkansas
Crowell, Francis M.....	Arkansas
French, Lucas.....	Arkansas
Green, Frank P.....	Arkansas
Harston, John T.....	Arkansas
Jackson, N. H.....	Arkansas
McMurtrey, John Silas.....	Arkansas
Meek, Edward, M. D.....	Arkansas
Pinson, Tom M.....	Arkansas
Pinson, Willie J.....	Arkansas
Ruff, Sparlin P.....	Arkansas
Stevenson, Thomas.....	Arkansas
Strickland, Edwin F.....	Pennsylvania
Thomasson, Nicholas.....	Arkansas
Thomas, Edwin W.....	Arkansas
Thornton, Lewis S.....	Arkansas
Treadway, Paca H.....	Arkansas
Waters, John M. D.....	Arkansas
Williams, Augustus A. C.....	Arkansas

GENERAL RECAPITULATION.

College Classes Proper.....	150
Preparatory Department.....	301

SPECIAL.

Music, (not enumerated above).....	22
Drawing, (not enumerated above).....	2

TOTAL.

Academic Department.....	475
Medical Department.....	22
Branch Normal Department.....	126
Grand Average.....	<u>623</u>

CATALOGUE AND CIRCULAR
OF THE
BRANCH NORMAL COLLEGE

OF THE
ARKANSAS INDUSTRIAL UNIVERSITY,

LOCATED AT
PINE BLUFF, ARKANSAS,
FOR THE YEAR ENDING JUNE 10th, 1880,

AND
ANNOUNCEMENT FOR 1880-81.

J. C. CORBIN, A. M., Principal.

Board of Trustees.

HIS EXCELLENCY W. R. MILLER, L. L. D., Governor, Little Rock,

EX-OFFICIO PRESIDENT OF THE BOARD.

WM. McILROY, Fayetteville,

TREASURER.

SECRETARY OF THE BOARD.

HON. LAFAYETTE GREGG.....Fayetteville, Ark.
HON. A. W. DINSMORE.....Bentonville, Ark.
HON. JAMES M. JOHNSON.....Wesley, Ark.
J. W. JONES, M. D.....Fayetteville, Ark.
S. P. PITTMAN, Esq.....Prairie Grove, Ark.
W. E. THOMPSON, Esq.....Monticello, Ark.
GEN. G. D. ROYSTON.....Washington, Ark.

EXECUTIVE COMMITTEE:

HON. A. W. DINSMORE, Chairman. HON. J. M. JOHNSON,
HON. LAFAYETTE GREGG, Secretary. S. P. PITTMAN, ESQ.
GEN. D. H. HILL, President of the University.

COMMITTEE ON BRANCH NORMAL COLLEGE:

HIS EXCELLENCY W. R. MILLER, Governor, Chairman.

GEN. G. D. ROYSTON. W. E. THOMPSON, Esq.

FINANCE COMMITTEE:

HON. A. W. DINSMORE, Chairman. J. W. JONES, M. D.
HON. L. GREGG.

COMMITTEE ON RULES AND BY-LAWS:

HON. JAMES M. JOHNSON, Chairman.

GEN. G. D. ROYSTON. HON. L. GREGG.

COMMITTEE ON PRINTING:

GEN. D. H. HILL, President of the University.

J. W. JONES, M. D. HON. L. GREGG.

Board of Visitors.

In Attendance at Commencement, June, 1880.

REV. G. A. DANNELLY, President.....Searcy, Ark.
HON. GEORGE THORNBURGH, Secretary.....Powhatan, Ark.
HON. M. M. DUFFIE.....Princeton, Ark.
REV. C. F. EVANS, D. D.....Little Rock, Ark.
DR. E. W. MCGRARY.....Mineral Springs, Ark.
COL. I. M. PATRIDGE.....Fayetteville, Ark.

Appointments.

The following list shows the name and counties of the Appointees in attendance during the year 1879-80:

Lucinda Alexander.....	Jefferson county.
Jennie Neely.....	Jefferson county.
John F. Lucas.....	Jefferson county.
James Smith.....	Jefferson county.
Ada Gaines.....	Jefferson county.
Alice Sizemore.....	Jefferson county.
Norah James.....	Jefferson county.
W. F. Graham.....	Saint Francis county.
Jennie E. Pettigrew.....	Saint Francis county.
Prenella Reed.....	Pulaski county.
Ruth E. Potts.....	Lincoln county.
H. N. Williams.....	Lincoln county.
Wallace Bland.....	Drew county.
* John Bland.....	Drew county.
C. N. Williams.....	Drew county.
John P. Williams.....	Drew county.
C. W. George.....	Ashley county.
H. L. Burnett.....	Ashley county.
S. D. Ransom.....	Ashley county.
J. A. Booker.....	Ashley county.
Mattie Fisher.....	Ashley county.
Seaborn Goodwin.....	Ashley county.
H. C. George.....	Ashley county.
R. A. Dougherty.....	Calhoun county.
Jacob Ricks.....	Calhoun county.
Washington Bunn.....	Calhoun county.
Henry W. Cook.....	Calhoun county.
James Ware.....	Calhoun county.
Moses Allen.....	Lafayette county.
David Crockett.....	Woodruff county.
Enoch Ursery.....	Grant county.
W. J. Pumphrey.....	Grant county.
Lewis Maddox.....	Grant county.
Hal Green.....	Union county.
Mollie Holloway.....	Dorsey county.
N. J. C. Johnson.....	Dorsey county.
Catherine Barnett.....	Dorsey county.
Susan A. Duncan.....	Desha county.
Retha Caveniss.....	Desha county.
Lindsay White.....	Arkansas county.
Henry Williams.....	Arkansas county.
R. D. Bosley.....	Chicot county.
Malinda Hart.....	Chicot county.
J. H. Hammond.....	Bradley county.

Total Beneficiaries, 44.

* Deceased.

LIBRARY, Arkansas Industrial UNIVERSITY

CATALOGUE OF STUDENTS

For Year Commencing September 1, 1879, and
Ending June 10, 1880.

FIRST GRADE.

Lucinda Alexander.....	Pine Bluff, Jefferson county.
Wallace Bland.....	Baxter, Drew county.
A. B. Crump	Vaughn Township, Jefferson county.
Rufus A. Daugherty	Chambersville, Calhoun county.
Wesley F. Graham	Forrest City, St. Francis county.
John W. Lucas	Pine Bluff, Jefferson county.
Jennie Neely.....	Pine Bluff, Jefferson county.
Jennie E. Pettigrew.....	Forrest City, St. Francis county.
James Smith	Pine Bluff, Jefferson county.
Alice Sizemore	Pine Bluff, Jefferson county.
Enoch Ursery.....	Cherry Grove, Grant county.
Cain W. Williams.....	Baxter, Drew county.
Total, 13.	

SECOND GRADE.

Fanny Arrant.....	Pine Bluff, Jefferson county.
Moses Allen.....	Lewisville, Lafayette county.
John Bland.....	Baxter, Drew county.
A. L. Burnett.....	Hamburg, Ashley county.
J. A. Booker.....	Portland, Ashley county.
Marcus Brown	Corner Stone, Jefferson county.
Richard Bosley.....	Dermott, Chicot county.
Washington Bunn	Summersville, Calhoun county.
David Crockett.....	Augusta, Woodruff county.
W. B. Collins	Lacy, Drew county.
Henry W. Cook.....	Summersville, Calhoun county.
A. Delancey.....	Jefferson county.
Hattie Daniels	Pine Bluff, Jefferson county.
Alice Flagr	Pine Bluff, Jefferson county.
Mattie Fisher.....	Portland, Ashley county.
Ada Gaines.....	Pine Bluff, Jefferson county.
C. W. George	Portland, Ashley county.
Seaborn Goodwin.....	Hamburg, Ashley county.
Henry C. George	Portland, Ashley county.
J. H. Hammond.....	Warren, Bradley county.
Nora James.....	Pine Bluff, Jefferson county.
Lloyd H. Jones.....	Cotton Centre, Jefferson county.
N. J. C. Johnson.....	Toledo, Dorsey county.

J. Wilkins Jones	Auburn, Lincoln county.
Charles B. Johnson	South Toledo, Dorsey county.
Virginia Martin	Pine Bluff, Jefferson county.
John Neely	Pine Bluff, Jefferson county.
Thomas Phillips	Pine Bluff, Jefferson county.
Wm. J. Pumphrey	Prattsville, Grant county.
Prenella Reed	Little Rock, Pulaski county.
Jacob Ricks	Summersville, Calhoun county.
Major Ray	Bogy Township, Jefferson county.
Katherine Simmons	Pine Bluff, Jefferson county.
C. T. Scott	Baxter, Drew county.
Burvin Thompson	Pastoria, Jefferson county.
Serena Williams	Pine Bluff, Jefferson county.
James Ware	Chambersville, Calhoun county.
John P. Williams	Baxter, Drew county.
Robert L. Williams	Pine Bluff, Jefferson county.
Burrell Synnmes	Edinburg, Dorsey county.
Henrietta Young	Pine Bluff, Jefferson county.
Total, 42.	

THIRD GRADE.

Noah Arrant	Pine Bluff, Jefferson county.
Isaac Burks	Monticello, Drew county.
Wiley Brown	Toledo, Dorsey county.
Lewis Bunn	Summersville, Calhoun county.
Katie Barnett	Edinburg, Dorsey county.
Sally Caldwell	Vaigine Township, Jefferson county.
Amanda Carpenter	Pine Bluff, Jefferson county.
Sally Cobb	Pine Bluff, Jefferson county.
James Crawford	Garretson's, Dorsey county.
Retha Caverniss	Walnut Lake, Desha county.
Samuel Caesar	Vaigine Township, Jefferson county.
Isaac Campbell	Pine Bluff, Jefferson county.
Dennis Clark	Monticello, Drew county.
J. C. Dunn	Toledo, Dorsey county.
Eugene Ditto	Pine Bluff, Jefferson county.
Susan E. Duncan	Duncan's Station, Desha county.
David Dixon	Cockerill's, Jefferson county.
Mary Evans	Pine Bluff, Jefferson county.
Joanna Fanchon	Pine Bluff, Jefferson county.
Mary Fish	Pine Bluff, Jefferson county.
Vashti Fultz	Pine Bluff, Jefferson county.
General Gurley	Vaigine Township, Jefferson county.
Otway Gurley	Vaigine Township, Jefferson county.
Patience E. Grundy	Auburn, Lincoln county.
Irene Goodloe	Jefferson county.
John Hill	Pine Bluff, Jefferson county.
Mollie Holloway	Randolph, Dorsey county.
Viney Higginbotham	Pine Bluff, Jefferson county.
Giles Harding	Rob Roy, Jefferson county.

Laura Hall	Monticello, Drew county.
Francis Huggins	Swan Lake, Arkansas county.
Jennie Holley	Pine Bluff, Jefferson county.
Melinda Hart	Dermott, Chicot county.
Phebe Johnson	Pine Bluff, Jefferson county.
Angeline Jenkins	Star City, Lincoln county.
Lula Lumpkins	Pine Bluff, Jefferson county.
Dora Dickinson	Pine Bluff, Jefferson county.
Katy Marks	Pine Bluff, Jefferson county.
Lewis Maddox	Cherry Grove, Grant county.
John Mimms	Pine Bluff, Jefferson county.
Andrew Munn	Plum Bayou, Jefferson county.
Allie Munn	Plum Bayou, Jefferson county.
Walter Neely	Pine Bluff, Jefferson county.
A. D. Nelson	Pine Bluff, Jefferson county.
Anna Patillo	Pine Bluff, Jefferson county.
Ruth E. Potts	Star City, Lincoln county.
Luella Patillo	Pine Bluff, Jefferson county.
Freeman Price	Hamburg, Ashley county.
Hunter Perry	McGee Place, Jefferson county.
Bennie Reed	Pine Bluff, Jefferson county.
Samuel D. Ransom	Portland, Ashley county.
Martha Rawles	Jefferson county.
Willie Shaw	Spring Township, Jefferson county.
Fannie Sampson	Pine Bluff, Jefferson county.
Mary Smith	Pine Bluff, Jefferson county.
Charles Spicer	Pine Bluff, Jefferson county.
Lucy Timms	Pine Bluff, Jefferson county.
Betty Williams	Pine Bluff, Jefferson county.
Millie Walker	Pine Bluff, Jefferson county.
Charles Whitfield	Little Rock, Pulaski county.
Monroe Walker	Pine Bluff, Jefferson county.
Mattie Wills	Little Rock, Pulaski county.
Ida Walker	Pine Bluff, Jefferson county.
Willie Waterhouse	Pine Bluff, Jefferson county.
Lindsay White	Swan Lake, Arkansas.
Alethea Wilkins	Toledo, Dorsey county.
James W. Warner	Edinburg, Dorsey county.
Henry Woods	Warren, Bradley county.
Augustus Walker	Pine Bluff, Jefferson county.
Henry Williams	Arkansas Post, Arkansas county.
John Wilbourn	Jefferson county.

Total, 71.

RECAPITULATION.

First Grade	13
Second Grade	42
Third Grade	71
Aggregate	126

BRANCH NORMAL COLLEGE

OF THE

ARKANSAS INDUSTRIAL UNIVERSITY,

PINE BLUFF, ARKANSAS.

OBJECT OF THE SCHOOL.

The object of the school is to enable colored youths to prepare themselves for teachers. The importance of professional training is now recognized by all who appreciate the value of good teaching, and it is hoped that those who intend to teach in the colored public schools of Arkansas will, if possible, avail themselves of the means of preparation now provided by the State.

COURSE OF STUDY.

PREPARATORY DEPARTMENT.

FIRST YEAR.

FIRST TERM.

Reading—Appleton's Fourth Reader. Geography—Monteith's. English Grammar—Graded Lessons in English—Reed & Kellogg. Arithmetic—Robinson's Shorter Course. Penmanship—Spencerian. Drawing—Forbriger.

SECOND TERM.

Reading—Appleton's Fourth Reader. Geography—Monteith's. English Grammar—Reed & Kellogg. Arithmetic—Robinson's Shorter Course. Penmanship—Spencerian. Drawing—Forbriger.

THIRD TERM.

Reading—Appleton's Fourth Reader. Geography—Monteith's. English Grammar—Reed & Kellogg. Drawing—Forbriger.

SECOND YEAR.

FIRST TERM.

Reading—Appleton's Fourth Reader. Geography—Monteith's. English Grammar—Reed & Kellogg. Arithmetic—Robinson's Shorter Course. Penmanship—Spencerian. Drawing—Forbriger.

SECOND TERM.

Reading—Appleton's Fifth Reader. Geography—Monteith's. English Grammar—Reed & Kellogg. Arithmetic—Robinson's Shorter Course. Penmanship—Spencerian. Drawing—Forbriger.

THIRD TERM.

Reading—Appleton's Fifth Reader. Geography—Monteith's. English Grammar—Reed & Kellogg. Arithmetic—Robinson's. Penmanship—Spencerian. Drawing—Forbriger.

THIRD YEAR.

FIRST TERM.

Analysis—Swinton's. Arithmetic—Robinson's. United States History—Anderson's. English Grammar—Reed & Kellogg. Penmanship—Spencerian.

SECOND TERM.

Analysis—Swinton's. United States History—Anderson's. English Grammar—Reed & Kellogg. Algebra—Peck's Manual. Physiology—Brown's.

THIRD TERM.

English Grammar—Reed & Kellogg. Algebra—Peck's Manual. Physiology—Brown's. Analysis—Swinton's. Penmanship—Spencerian.

NORMAL COURSE.

Students completing this course are entitled to the Normal Diploma. Those who complete less than the entire course are entitled to a certificate showing work done.

FIRST YEAR.

FIRST TERM.

Reading and Orthography. Arithmetic. United States History. Geography. English Grammar. Penmanship. Latin. Principles of Teaching.

SECOND TERM.

Reading and Orthography. Algebra. United States History. Arithmetic. Latin. English Grammar. Principles of Teaching.

THIRD TERM.

Reading and Orthography. Algebra. United States History. Arithmetic. Latin. English Grammar. Principles of Teaching.

SECOND YEAR.

FIRST TERM.

Algebra. English Diction. Elocution. Physical Geography. Latin. Methods of Teaching.

SECOND TERM.

Geometry. English Diction. Elocution. Latin. Physics. Methods of Teaching.

THIRD TERM.

Geometry. English Diction. Elocution. Latin. Physics. Botany. Methods of Teaching.

THIRD YEAR.

FIRST TERM.

Plane and Spherical Trigonometry. Rhetoric. Latin. Chemical Physics. Methods of Teaching.

SECOND TERM.

Analytical Geometry. General Chemistry. Zoology. Methods of Teaching. Latin.

THIRD TERM.

Analytical Geometry. Latin. Methods of Teaching.

FOURTH YEAR.

FIRST TERM.

General History. Differential Calculus. Physiology. Theory of Graded Schools.

SECOND TERM.

General History. Geology. English Literature, (Early Modern English Period.) Principles of Classification.

THIRD TERM.

General History. School Law. Astronomy. History of Education. Masterpieces in English Literature.

TERMS AND VACATION.

The Scholastic year of this Institution, consists of two terms of thirteen weeks each, and one term of fourteen weeks.

There is a vacation of four days, including Christmas, but no vacation between terms. These terms commence and end as indicated by the following :

CALENDAR FOR THE SCHOLASTIC YEAR 1880 81:

The Autumn Term will commence on the 6th of September, 1881, and close December 3, 1881.

The Winter Term will commence December 6th, 1880, and close March 6th, 1881.

The Spring Term will commence March 9th, 1881, and close June 11th, 1881.

All beneficiary and normal students, should be present at the opening of the Autumn Term; and unnecessary delay, either of old students in returning or of new ones reporting, will lead to the forfeiture of their appointments. The strictest attention to study, and most exact punctuality in attendance on recitations, and all other duties, are made the conditions of every student's continuance at the university.

NORMAL DEPARTMENT.

The design of this Department is to train teachers for the common schools of the State.

Applicants must pass a satisfactory examination in the common English branches, in order to enter this Department.

In addition to a thorough knowledge of the branches to be taught, the work comprehends :

1. Training in methods of imparting instruction in the branches to be taught.
 2. Methods of leading pupils to think and investigate for themselves.
 3. How to grade and organize the various kinds of schools.
 4. Government or discipline of schools.
 5. Duties of teachers as governed by School Law.
-

APPOINTMENT OF BENEFICIARIES.

By the law of the State, the appointments of students to this Branch College is the same as to the parent University at Fayetteville in numbers from each county of the State, and is vested in the County Courts, but any vacancies occurring during the terms of the school, shall be filled by the Judge of the County Court.

All students thus appointed are entitled to four years free tuition, upon the payment of five dollars matriculation fee *in advance, at the time of entering the school.*

The pupils which can be admitted to the Branch Normal College free of tuition, are apportioned among the several counties of the State according to their respective populations by the United States census of 1870, which apportionment is as follows :

TABLE OF APPORTIONMENT.

COUNTIES.	No. of Beneficiaries entitled to.	COUNTIES.	No. of Beneficiaries entitled to.
Arkansas.....	2	Lee.....	3
Ashley.....	3	Lincoln.....	2
Baxter.....	6	Little River.....	2
Benton.....	2	Logan.....	2
Boone.....	2	Lonoke.....	2
Bradley.....	3	Madison.....	3
Calhoun.....	2	Merion.....	2
Carroll.....	2	Miller.....	2
Chicot.....	4	Mississippi.....	2
Clark.....	5	Monroe.....	4
Clay.....	2	Montgomery.....	1
Columbia.....	4	Nevada.....	2
Conway.....	3	Newton.....	2
Craighead.....	4	Ouachita.....	6
Crawford.....	2	Perry.....	1
Crittenden.....	2	Phillips.....	6
Cross.....	2	Pike.....	2
Dallas.....	2	Poinsett.....	1
Desha.....	2	Polk.....	2
Dorsey.....	4	Pope.....	4
Drew.....	2	Prairie.....	4
Faulkner.....	2	Pulaski.....	14
Franklin.....	4	Randolph.....	3
Fulton.....	2	Saline.....	3
Garland.....	2	Scott.....	2
Grant.....	2	Searcy.....	3
Green.....	3	Sebastian.....	2
Hempstead.....	2	Sevier.....	2
Hot Spring.....	6	Sharp.....	6
Howard.....	3	St. Francis.....	2
Independence.....	6	Stone.....	3
Izard.....	3	Union.....	2
Jackson.....	3	Van Buren.....	5
Jefferson.....	7	Washington.....	8
Johnson.....	4	White.....	5
Lafayette.....	2	Woodruff.....	4
Lawrence.....	3	Yell.....	4

The following forms may be used in making appointments :

No.

To whom it may concern :

I hereby appoint of
County, State of Arkansas, as a Normal student at the Branch Normal College at
Pine Bluff.

Given under my hand, this day of 188...

..... County Judge.

..... County, Arkansas.

The above certificate of appointment is to be delivered to the
appointee by the County Judge.

The following notice should be forwarded immediately to the Principal of the Branch College.

No.

..... ARKANSAS, }
 188 .. }

To the Principal of the Branch Normal College of the Arkansas Industrial University:

To the University:

I hereby notify you that I have this day appointed
 of County, as a student in the Branch Normal College of the
 Arkansas Industrial University at Pine Bluff.

Given under my hand, this day of, 188 ..
 County Judge.

EXPENSES.

The expenses of a student at the Branch Normal College need not exceed the amount herein stated:

Board in private families, including fuel, light and washing, can be had for from ten to twelve dollars per month. A Normal student pays five dollars entrance fee, which entitles him to free tuition for four years.

Books may be purchased in Pine Bluff at the publisher's usual retail prices. Quite a number of students have paid a part of their board by labor in private families.

CONCLUDING REMARKS.

One of the great needs of the colored population of Arkansas, is a supply of well qualified teachers for the country schools. The larger cities, Little Rock, Helena, Pine Bluff and Fort Smith, have sufficient resources to pay salaries that have attracted good teachers from a distance, but the country districts are, generally, in a deplorable condition. Many of these enjoy school privileges for only three or four months of the year, and the value of that privilege may be inferred from the fact that the school houses are, in general, destitute of blackboards, writing desks, and everything but a few benches

to sit upon, while a considerable number of the teachers cannot write down a number containing two periods of figures correctly, or solve a sum in simple subtraction. The establishment of the Branch Normal College affords to teachers who are desirous of becoming better qualified to perform the duties of the position, an opportunity of doing so at a reasonable expense, without the necessity of going a long distance from home; and already several of its students are alternately teaching, and being taught, and, by this process, at once benefitting themselves and those around them.

The records of the Institution show the names of about sixty of its students who engage in teaching either permanently, or during vacation, in the public schools of the State.

Two of these students were elected to positions in the public schools of Pine Bluff, and taught therein during the last year, with good success. Others have assisted in the work of the Normal College itself and have rendered valuable assistance. The attendance at the school, during the last year, was also better than ever before, rendering it absolutely necessary to procure more suitable accommodations for its use than those it has heretofore had. The Board of Trustees decided to meet this want by the erection of a suitable building, which will, it is hoped, be ready for occupancy by the time the school opens. The progress of the school, in the various branches of study pursued, was, also, very satisfactory, the First Grade having nearly completed Ficklin's Algebra and Brook's Normal Geometry, with a corresponding advancement on the part of the lower grades.

In addition to the studies laid down in the course of study, there were daily exercises in vocal music, and a review of the International Sunday School Lessons; also, regular exercises in declamation and composition. Several of the students have taken lessons on the Organ. A number of newspapers and educational publications are regularly filed in the school room and are accessible to all the students.

It will be of great advantage to the institution if the several County Judges will take a special interest in seeing that their counties are duly represented therein ; and act, in respect to that matter, as agent for the same.

For further information, address,

Prof. J. C. CORBIN,

Pine Bluff, Arkansas.

PROCEEDINGS
OF THE
BOARD OF TRUSTEES,
JUNE, 1880.

ANNUAL MEETING
OF THE
BOARD OF TRUSTEES
OF THE
ARKANSAS INDUSTRIAL UNIVERSITY,

HELD AT THE

Secretary's Office, Fayetteville, Ark., June 7, 1880.

The Board met at 2 p. m., Monday, June 7, 1880.

Present, Trustees Gen. G. D. Royston, Col. J. M. Johnson, Hon. A. W. Dinsmore, Capt. S. P. Pittman, Prof. W. E. Thompson and Gen. D. H. Hill, President of the University.

In the absence of Gov. Miller, President of the Board, Gen. Royston was elected to preside.

Col. I. M. Patridge, of the Board of Visitors announced that their board had organized by electing Rev. Geo. A. Dannelly as Chairman, and George Thornburgh, Esq., as Secretary.

The following, offered by Trustee Dinsmore, was adopted:

Resolved, That the Secretary of the Board be requested to wait upon the Board of Visitors and notify them that the Board of Trustees is now organized and that they most cordially invite the members of their Board to meet with our Board at any and all times that may suit their convenience; and also signify the pleasure with which our Board will receive any suggestions from their Board.

By motion of Trustee Johnson, the representative of the Medical Department of the A. I. U., Dr. J. M. Pirtle, who was present, was by request heard upon the success and prospects of the Department which he represented.

The following, offered by Trustee Hill, was, on motion adopted :

Resolved, That the Trustees of the Arkansas Industrial University send their greetings and congratulations to the Faculty of the Medical Department at Little Rock. We are proud of the selections made for Professors, and are gratified at the bright prospects awaiting the Department. We were pleased to welcome among us Dr. J. M. Pirtle, as the Delegate of the Department, and do acknowledge the courtesy so handsomely tendered.

Trustee Thompson moved that the word "Industrial" be hereafter inserted in the title of the Medical Department to show that it is a department of the Arkansas Industrial University. The motion prevailed.

Motion of Trustee Thompson to take up the reports of members of the Faculty prevailed.

Trustee Dinsmore offered the following, which was on motion adopted :

Resolved, That our Board memorialize our Legislature, at its next convention, to appoint two scientific physicians, contiguous to the Medical Department, located at Little Rock, together with the Dean of said Medical Department, who shall constitute an Executive Committee, to take charge of the internal interests of said department. Said Dean to be constituted an ex-officio member of our Board, and to act as permanent chairman of said committee, and that said committee report to this Board at its annual meetings.

A communication from the Medical Department of the Arkansas Industrial University, was read, and by motion of Trustee Dinsmore was ordered to be spread upon the records.

MEDICAL DEPARTMENT, A. I. U.,

Little Rock, April 27, 1880.

Gen. D. H. HILL,

President A. I. U., Fayetteville, Ark.

DEAR SIR—It becomes my pleasant duty to officially inform you of the beginning, progress and condition of the Medical Department of the University.

In accordance with instructions of the Trustees, received by President Hooper, he organized a Faculty, consisting of eight medical gentlemen of prominence and standing in this community, as Professors in the various branches of Medicine, Surgery, etc., and seven Lecturers as assistants in special departments. [See First Annual Announcement.]

The Faculty organized by the selection of P. O. Hooper, M. D., President, and R. G. Jennings, M. D., as Secretary.

Owing to the limited time allotted to us necessary to prepare for a fall session of the school, it required every exertion possible of each member of the Faculty to make the opening course even a respectable success. We purchased, at an expense of five thousand dollars, a large and commodious brick and stone structure, thoroughly modernized and conveniently situated, which we have since remodeled internally to suit the requirements of the college. The first course of lectures commenced the first week in October, 1879, and continued to the third day of March, 1880; and although a new institution, laboring under many difficulties, as all new departures generally do, we have twenty-two regular matriculates, one of whom receives the degree of Doctor of Medicine. We flatter ourselves that the prospects for the school for a large accession of students for the next session, is remarkably good.

We think as soon as the medical profession of the State become educated up to the fact that we have in our midst a Medical College, equal in standing to any of the schools belonging to the American Medical College Association, just so soon will they give it their unqualified support. We are all zealously working together for the accomplishment of this end.

For more particular information I would respectfully refer you to the Second Annual Announcement, copies of which will be forwarded you in a few days.

I have the honor to remain, sir, very respectfully your obedient servant,

R. G. JENNINGS, M. D.,
Secretary of Faculty.

By motion of Trustee Thompson, the Faculty were authorized to select thirty students to occupy rooms in the new building.

The board then adjourned to 8 o'clock to-morrow morning.

G. D. ROYSTON,

President of the Board, pro tem.

O. F. RUSSELL, *Secretary.*

SECRETARY'S OFFICE, A. I. U.,

Tuesday, June 8, 1880—8 o'clock A. M.

Board met pursuant to adjournment.

Present—Trustees Royston, Johnson, Thompson, Jones, Dinsmore, Pittman and Hill.

Minutes of previous meeting were read and approved.

The report of the Secretary of the Board was received verbally, and the books and accounts referred to the Finance Committee.

President Hill then desired that the subject of change of "courses" be considered, in order that announcement might be made to the students before their leaving the University.

Prof. Conrad, by invitation of the Board, then presented the courses which the Faculty had adopted.

Trustee Hill moved that the Catalogue, as presented by the Faculty, be adopted as a whole. The motion was carried.

By motion of Trustee Dinsmore, the Board adjourned until half-past 9 o'clock to-morrow.

G. D. ROYSTON,

President pro tem.

O. F. RUSSELL, *Secretary.*

SECRETARY'S OFFICE, A. I. U.,

Wednesday, June 9, 1880—9:30 o'clock A. M.

Board met pursuant to adjournment.

Present—Trustees Royston, Dinsmore, Jones, Johnson, Pittman and Hill.

Minutes of previous meeting read and approved.

Trustee Thompson presented the report of the Committee on the Pine Bluff Normal Branch, which was laid upon the table for future reference.

By motion of Trustee Dinsmore it was

Resolved, That hereafter instead of the Secretary submitting copies of his books for examination, the books themselves shall be presented.

The President and Secretary of the Board of Visitors appeared with a resolution in regard to vacating the chair of Professor of Music, which was read by the Secretary; following which, remarks were made by Rev. Mr. Dannelly, Trustee Dinsmore and Mr. Thornburgh.

The resolution was, by motion, laid upon the table for future consideration.

Secretary Thornburgh then gave the reasons for the unanimous adoption of the following resolution by their Board.

Resolved, That we request the Board of Trustees to leave the chair of Music unsupplied during the next Collegiate session, and that if it be found essential to the success of the University that the female students be taught vocal or instrumental music, then on the recommendation of the Faculty that they authorize the Executive Committee to employ a *new* Professor for that chair.

[Signed]

C. F. EVANS.

President Hill presented the following resolution, which was adopted:

Resolved, That we do hereby confer the degree of Doctor of Divinity upon Rev. C. F. Evans, of Little Rock, and Rev. W. A. Clark, of Bristol, Tenn.

Trustee Hill introduced the following resolution, which was unanimously adopted:

Resolved, That the Board of Trustees do confer the degree of LL.D. upon Hon. W. R. Miller, Governor of the State of Arkansas—not merely in recognition of his merits, but also as a manifestation of our high appreciation of his firm, unwavering zeal and friendship for the Arkansas Industrial University.

Report of Prof. J. C. Corbin, of the Normal Branch at Pine Bluff, was received and ordered read.

By motion of Trustee Hill the Board adjourned to 8 o'clock A. M., to-morrow.

G. D. ROYSTON,

President, pro tem., of the Board of Trustees.

O. F. RUSSELL, *Secretary.*

SECRETARY'S OFFICE, A. I. U.,

Thursday, June 10, 1880—8 o'clock A. M.

Board met pursuant to adjournment.

Present—Trustees Royston, Dinsmore, Johnson, Thompson, Pittman, Jones and Hill.

Minutes of preceding meeting read and approved.

His excellency, Governor W. R. Miller, entered and assumed his chair as President of the Board.

Trustee Thompson offered the following, which was adopted:

Resolved, That a committee of three be appointed to submit to the Board an estimate of the current expenses for the ensuing year.

Trustees Dinsmore, Johnson and Royston were appointed as the committee.

Trustee Thompson moved the following resolution in regard to printing catalogues be adopted to apply this year, viz:

Resolved, That the committee on printing be authorized to have printed five hundred copies of the proceedings of the Board of Trustees containing so much of the proceedings of the Board as the committee may deem advisable; also three thousand copies of the catalogue for the year 1879-80, with such general information as is necessary for a proper understanding of the workings of the institution; also that the com-

mittee have fifty numbers of the proceedings of the Board of Trustees from the organization of the University to the present time, bound in two volumes, and that six sets of said volumes be placed in the Library and remain there for the general inspection of all who may desire information in regard to the history of the University.

The resolution was adopted.

The following resolutions were adopted :

1. *Resolved*, That each Professor be allowed to make such changes in the text books used in his department as he may desire, with the approval of the Faculty. That in making such changes, due consideration be given to the ability of the majority of students to purchase said books.

2. *Resolved*, That the Executive Committee be authorized to draw a warrant in favor of Prof. Harvey, for the sum of six hundred dollars to supply the *present demands* of his department whenever called on to do so ; provided the funds of the University, in their opinion, will warrant a draft for the amount, and if not, for such sum as can be spared.

3. *Resolved*, That the sum of fifty dollars be appropriated for the purchase of hose, fire buckets, etc., for the use of the fire company under the charge of Prof. Conrad.

5. *Resolved*, That a warrant be drawn in favor of Colonel Gray for the sum of \$6.70, amount expended by him for military purposes.

6. *Resolved*, That hereafter the cadets be required to wear the uniform adopted by this Board in 1876, and all resolutions in conflict with this are hereby repealed. [The description of uniform is found on pages 58 and 59.]

7. *Resolved*, That the uniform recommended by Mrs. Sutton, for the young ladies of the Institution, be adopted.

8. *Resolved*, That the Secretary be authorized to have the dead bodies of students lying in Evergreen Cemetery removed by contract to the new cemetery selected for that purpose.

10. *Resolved*, That a special committee be appointed to acknowledge, in a suitable manner, the appreciation of this Board of the services rendered the University by the "Washington County Medical Society."

11. *Resolved*, That the Committee on Printing be authorized to select such matter as they may deem expedient and interesting to the public from the proceedings of this Board, the Report of Prof. J. C. Corbin, of the Branch Normal, and of the

Report of the Medical Department at Little Rock, and have the same incorporated in our Report and Catalogue.

12. *Resolved*, That the Executive Committee be authorized to have a suitable fence put around the orchard, if, in their judgment, the funds of the Institution will justify such an expenditure.

[Signed]

W. E. THOMPSON,

J. M. JOHNSON,

S. P. PITTMAN,

Committee.

Trustees Dinsmore, Johnson and Pittman were appointed as the committee under the tenth of the above resolutions.

Trustee Dinsmore presented, as Chairman of the Committee on acknowledgment to the Washington County Medical Society, the following resolution, which was, by motion of Trustee Thompson, adopted.

Resolved, That the Board tender to the Washington County Medical Society an acknowledgment of our grateful appreciation of their valuable services to the students of the Arkansas Industrial University; and that they are hereby requested to continue, if consistent with other duties, their valuable lectures during the ensuing scholastic year.

Resolved further, That the Secretary furnish said Medical Society with a copy of this resolution, and that the same be published in our reports.

By motion of Trustee Dinsmore, Mr. E. P. Lee is employed to take charge of the building, grounds, crops, etc., during the vacation at a salary of \$25.00 per month.

By motion of Trustee Dinsmore, the Board then took a recess until 8 o'clock, p. m., to meet at Trustee Thompson's room, at the Mountain Hotel.

MOUNTAIN HOTEL, FAYETTEVILLE, ARK.,

Thursday, June 10, 1880—8 o'clock, P. M.

Board met pursuant to adjournment.

Present—His Excellency, Gov. Miller, presiding; Trustees—Dinsmore, Royston, Johnson, Pittman, Jones and Hill.

Gov. Miller, for the Committee on Normal Branch at Pine Bluff, made a verbal report of the finances, stating that there was on hand a little over \$14,200 in 5 per cent. scrip.

On motion of Trustee Royston, it is ordered that the sum of \$3,000, be, and the same is hereby appropriated out of the funds belonging to the Branch Normal College of the Arkansas Industrial University, at Pine Bluff, in Jefferson county, Arkansas, for the purpose of purchasing in or near the corporate limits of the city of Pine Bluff, ten acres of land, and erecting a suitable building as an institution of learning for said Normal Branch, and that such sum as may be necessary for the purchase of said land and the erection of said building be used by Wm. R. Miller, Governor of the State of Arkansas, G. D. Royston and W. E. Thompson, the committee on said Normal Branch College, for said purpose, and they are hereby authorized, as such committee, to select and purchase said land, and to contract for and have erected a suitable building on said land, for the purpose of instructing the pupils or students which are or may be in attendance upon or connected with said Normal Branch College—and that the Chairman of said Committee draw upon said fund from time to time for the purpose of executing the trust hereby confided to them, and that they report their proceedings from time to time to this Board, and said Committee are instructed to proceed without delay to execute this trust. And it is further ordered, that in the event that Gov. Miller's term of office shall expire before the execution of this trust, that his successor in office complete the performance of the duties herein imposed.

Trustee Thompson moved that a Chair of Applied Mathematics and Engineering be created. The motion prevailed.

Trustee Thompson moved that Prof. J. B. Gordon be appointed to fill the above Chair. The motion prevailed.

Trustee Hill moved that the salary of Prof. Edmiston be increased to \$800. Carried.

Trustee Hill moved that the salary of Mrs. Sutton be increased to \$600. Carried.

Trustee Pittman moved the appropriation of \$50 for calisthenic appliances, if the fund will justify it. Carried.

Trustee Thompson moved that the expense to be incurred for the Fire Department be left to the discretion of the Executive Committee. Carried.

Trustee Dinsmore moved that Prof. H. B. Edmiston be appointed as First Assistant in the Preparatory Department, with a salary of \$800. Carried.

On motion of Trustee Jones the Board then adjourned until 9 o'clock to-morrow morning.

G. D. ROYSTON,
President, Pro Tem.

O. F. RUSSELL, *Secretary.*

SECRETARY'S OFFICE, A. I. U.

Friday, June 11, 1880.—9 o'clock, A. M.

The Board met pursuant to adjournment.

Present, G. D. Royston, President *pro tem.*, in the Chair, Gov. Miller having returned to Little Rock, and Trustees Dinsmore, Johnson, Pittman, Jones and Hill.

The minutes of yesterday were read and approved, and in the absence of Gov. Miller, signed by Gen. Royston, President, *pro tem.*

The account of Trustee Thompson for per diem and expenses, amounting to \$85, was presented, allowed and ordered paid.

The account of Governor W. R. Miller for expenses amounting to \$35.50, was presented, allowed and ordered paid.

The account of Trustee Royston, for per diem and expenses amounting to \$85.70, was presented, allowed and ordered paid.

Trustee Dinsmore offered the following resolution, which on motion, was adopted :

Resolved, That Prof. O. F. Russell be employed for the compensation of \$75, to superintend, read proof, and do all things necessary to secure a speedy publication of our Reports and Catalogue.

Trustee Dinsmore presented an account of Treasurer McIlroy, for discount paid by him amounting to \$3.12, which was allowed and ordered paid.

An account of Trustee Dinsmore for \$10, discrepancy in Treasurer Davis' account paid by him, was presented, allowed, and ordered paid.

Trustee Johnson presented the following report of appropriations for the ensuing year, which, on motion, was adopted :

We, the committee appointed to report the estimates comprised in the current expense fund for the ensuing year, beg leave to submit the following estimates as our report :

For Professors' salaries.....	\$16,000 00
Fuel.....	150 00
Janitors.....	300 00
Chemicals.....	600 00
Mathematical apparatus.....	400 00
Library.....	250 00
Printing and Stationery.....	200 00
Postage.....	85 00
Farm.....	300 00
Improvement of grounds.....	300 00
Furniture.....	500 00
Miscellaneous Fund.....	200 00
Trustees and officers.....	10,000 00
Total	\$20,285 00

A. W. DINSMORE,	} Committee.
J. M. JOHNSON,	
G. D. ROYSTON,	

Trustee Hill moved that no student living on the Grounds of the University be allowed to furnish his own fuel. The motion prevailed.

Trustee Dinsmore offered the report of the Finance Committee on the Report of Treasurer McIlroy.

On motion the report was adopted.

The committee finds the within correct, and recommend its approval.

A. W. DINSMORE, *Ch'mn*,
JAMES W. JONES.

Trustee Dinsmore, as Chairman of the Finance Committee, presented the Report of Treasurer McIlroy on the Peabody Fund, which had been examined and approved by the Finance Committee. The report was, on motion, adopted.

Trustee Dinsmore moved that the appointment of a Steward for the Old Building boarding house be delegated to General Hill. Carried.

Trustee Dinsmore presented the account of Vaughn and Hanger for \$14.25 for transportation of members of the Board, which, on motion, was allowed and ordered paid.

Trustee Dinsmore presented his account for services on the Executive Committee and Board of Trustees, amounting to \$35.50, which, on motion, was allowed and ordered paid.

The following accounts were presented, and, on motion, were allowed and ordered paid :

Trustee Jones, per diem.....	\$12 50
Trustee Johnson, per diem and expenses.....	35 50
Trustee Pittman, per diem and expenses.....	30 50

Trustee Pittman moved to adjourn until 7 o'clock A. M., to-morrow. Carried.

SECRETARY'S OFFICE, A. I. U.,
Saturday, June 12—7 o'clock A. M.

Board met pursuant to adjournment.

Present—Gen. G. D. Royston, President, *pro tem.*, in the chair; Trustees Johnson, Hill, Jones, Pittman and Dinsmore.

Trustee Dinsmore offered the following, which was, on motion, adopted:

WHEREAS, Our By-Laws require all University Funds to be received by the Secretary of the Board; and,

WHEREAS, Discrepancies and irregularities must result from direct payment to the Treasurer; therefore, be it

Resolved, That our Treasurer be requested to refer all parties desiring to pay money into our treasury, to our Secretary; and a copy hereof handed our Treasurer.

Trustee Hill offered the following, which, on motion, was adopted, viz:

Resolved, That Hon. A. W. Dinsmore and Col. J. M. Johnson be requested to attend the next meeting of the Legislature in the interests of the University, and that their expenses be paid and the usual per diem be allowed them.

Trustee Hill moved that the proceedings of the Alumni Association be incorporated in the University Report. Carried.

The account of Trustee Royston for \$4.00 per diem and expenses, was presented, and, on motion allowed, and ordered paid.

By motion of Trustee Johnson the committees of last year are continued.

Trustee Dinsmore offered the following, which, on motion, was adopted:

Resolved, That General Hill be and is hereby authorized to approve and sign the minutes as yet unapproved.

Trustee Dinsmore, Chairman of Finance Committee, presented the Financial Report of the Secretary, bearing the following endorsement: "The within has been examined by the Finance Committee and found correct.

"A. W. DINSMORE, *Ch'mn*,
"J. W. JONES."

Which, upon motion, was adopted.

Trustee Johnson moved to adjourn *sine die*, which was carried.

O. F. RUSSELL,
Secretary.

The following, from the report of Prof. J. C. Corbin, of the Branch Normal, at Pine Bluff, was selected by the Committee on Printing, to be published in the Report:

*To His Excellency, Gov. W. R. Miller, Chairman, Prof.
W. E. Thompson, Committee on Branch Normal College:*

GENTLEMEN—I Beg leave to submit the annexed report of the proceedings and condition of the Branch Normal College, for the year ending June 10, 1880:

ATTENDANCE.

As will be seen from the annexed list of students' names, grades, residences, etc., the attendance for the present year has been greater than ever before, and embraces a larger number of counties. There has also been an increase in the number of appointments, all of which indications show that the school is gradually approximating to the conditions and purposes contemplated in its establishment. The the numbers in attendance, for each term of the school year, have been as follows, viz: First term, 70; second term, 112; third term, 91. The decrease in the last term being caused by the opening of the planting season and the country schools.

DEPORTMENT.

That the deportment of the students has been remarkably good, is, I think, fully evidenced by the fact that among the

older student but one instance of disorderly conduct occurred, namely, that one student struck another during school hours.

PROGRESS IN STUDIES.

During the present year the first grade has nearly completed the study of the following text books, viz: Ficklin's Algebra, (to theory of Equations), Brook's Normal Geometry, Harkness First Book in Latin and Payson's and Hannaford's Book-keeping. The second grade has completed Anderson's Junior Class History of the United States, Swinton's Word Analysis, and Reed and Kellogg's Graded Lessons in English, and nearly completed Fractions in Arithmetic. The third grade continues the study of Robinson's First Book in Arithmetic, Appleton's Readers and Monteith's Comprehensive Geography.

STUDENT TEACHERS.

It has been a very difficult matter, with students coming from so many different schools, to preserve the proper grading. Some who are well advanced in Arithmetic know almost nothing of reading, grammar or geography. In order to enable the student to obtain the proper grade in all the branches, I have organized several extra classes, which have been instructed entirely by student teachers, with occasional supervision by myself. These classes have been of decided benefit, and have been well conducted by the teachers in charge of them. These classes I have intentionally made small, on account of the well known difficulty of commanding the attention of a large number of students. These classes have generally done well and been of decided advantage, not only to the pupils, but to the teachers. As a specimen of progress, I mention that one of these classes has reached equations of the second degree in algebra, and partial payments in arithmetic.

STUDENTS ENGAGED IN TEACHING.

During the last year a large number of the students engaged in teaching, and the opening of the country schools, usually

renders it necessary for quite a number of the students to leave before the close of the third term of the school year, in order to obtain positions.

J. C. CORBIN,

Principal Normal Branch College.

Pine Bluff, Ark., June 10, 1880.

ACCOUNT CURRENT

Of the Branch Normal College of the Arkansas Industrial University, at Pine Bluff, Arkansas, for the year ending June 15th, 1880.

Cash in hands of State Treasurer, June 13th, 1879... \$2,514 20

CONTRA :

Salary paid J. C. Corbin, for scholastic

year..... \$1,200 00

Rent paid M. L. Bell, one year..... 300 00 \$1,500 00

Cash in hands of Treasurer..... \$1,014 20

MEMORANDA.

Amount of five per cent. State Scrip in Treasury,

June 13th, 1879..... \$14,211 60

Amount sold..... 500 00

Balance in State Treasury June 15, 1880.... \$13711 60

W. R. MILLER,

For Executive Committee.

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